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ABSTRACT

This statistical appendix is meant to accompany "Changes in Course-Taking, 1982-88: a Study of Transcript Data from Selected Schools and States." The study was designed to provide quantitative data from transcripts about changes in course-taking among graduates of high schools enrolling mostly lower-achieving students in states adopting high graduation requirements during the 1980s. Random samples of approximately 25 transcripts of graduating seniors were collected from 16 schools, in 9 districts, in 4 states (California, Florida, Missouri, and Pennsylvania) at 3 points in time, allowing change to be observed in two 4-year periods just prior to and after the requirements became effective. To provide data about students more "typical" than high school graduates, random samples of transcripts were collected of approximately 50 students beginning 9th grade at 2 points in time, 1 cohort prior to the effective date of the requirements and 1 cohort whose course-taking would be bound by the requirements, if they graduated. The study analyzes course-taking of low-achieving students from 1982-88 in all subjects; however, it focuses primarily on changes in course-taking in math, science, and vocational courses. The districts and schools are assigned numbers, and the names are not revealed. (Author/MLF)

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Appendix E

Changes in Course-Taking, 1982-1988 in High Schools with Middle- and Low-Achieving Students in States Adopting High Graduation Requirements

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July, 1991

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Introduction

This appendix is meant to accompany the CPRE (1991) paper entitled "Changes in Course-Taking, 1982-88 In High Schools with Middle- and Low-Achieving Students in States Adopting High Graduation Requirements." This comprehensive set of tables provides detailed data on average credits per student by subject and level of difficulty for the total sample, each of 4 states, each of 9 districts, and each of 16 high schools.

The CPRE study was designed to provide quantitative data from transcripts about changes in course-taking among graduates of high schools enrolling mostly lower-achieving students in states adopting high graduation requirements during the 1980s. Random samples of approximately 25 transcripts of graduating seniors were collected from 16 schools, in 9 districts, in 4 states (California, Florida, Missouri, and Pennsylvania) at three points in time allowing change to be observed in two 4-year periods just prior to and after the requirements became effective. To provide data about students more "typical" than high school graduates, random samples of transcripts were collected of approximately 50 students beginning 9th grade at two points in time, one cohort prior to the effective data of the requirements and one cohort whose course-taking would be bound by the requirements, if they graduated.

The CPRE study analyzes course-taking of low-achieving students from 1982-88 in all subjects, however, focuses primarily on changes in course-taking in math, science, and vocational courses. Each table in this appendix is organized first by average credits per student in math, science and vocational, followed by average credits per student in art, English, foreign language, personal skills, and social studies. Confidentiality was promised to districts and schools and therefore the districts and schools are assigned numbers and the names are not revealed.

The data reported in this Appendix as well as the research reported in the accompanying paper was supported by the Center for Policy Research in Education, which is funded by a grant from the U. S. Department of Education, Office of Educational Research and Improvement (Grant No. OERI-G-0086-90011), the National Science Foundation (NSF), and by the Wisconsin Center for Education Research, School of Education, University of Wisconsin-Madison. Helpful comments on earlier drafts were received from Rolf Blank, Brian DeLany, Richard Elmore, Susan Fuhrman, Andrew Porter, and Marshall Smith. Lisa Armstrong and others in our office spent great time and effort on the data and tables. The opinions expressed in this publication are those of the authors and do not necessarily reflect the views of commentators, the U. S. Department of Education, Office of Educational Research and Improvement, the National Science Foundation, the institutional partners of the Center for Policy Research in Education, or the Wisconsin Center for Education Research.

Appendix E High School Transcript Data Tables

TABLE PAGE #
Table E1 Comparison of Average Credits of the 9th Grade Samples to the Graduate Samples, by school iii

Average Credits Per Student

Table E1.1 By Total Sample for math, science, and vocational 1
Table E1.2 By Total Sample for art, English, foreign language, personal skills, and social studies 5
Table E1.3 By State for math, science, and vocational 11
Table E1.4 By State for art, English, foreign language, personal skills, and social studies 24
Table E1.5 By District for math, science, and vocational 47
Table E1.6 By District for art, English, foreign language, personal skills, and social studies 79
Table E1.7 By School for math, science, and vocational 127
Table E1.8 By School for art, English, foreign language, personal skills, and social studies 179

High Enrollment Courses

Table E2.1 By Total Sample for math, science, and vocational 267
Table E2.2 By Total Sample for art, English, foreign language, personal skills, and social studies 268
Table E2.3 By State for math, science, and vocational 269
Table E2.4 By State for art, English, foreign language, personal skills, and social studies 272
Table E2.5 By District for math, science, and vocational 276
Table E2.6 By District for art, English, foreign language, personal skills, and social studies 282
Table E2.7 By School for math, science, and vocational 291
Table E2.8 By School for art, English, foreign language, personal skills, and social studies 300

Courses With Enrollment Changes of 10% Or More

Table E3.1 By Total Sample for math, science, and vocational 314
Table E3.2 By Total Sample for art, English, foreign language, personal skills, and social studies 315
Table E3.3 By State for math, science, and vocational 316
Table E3.4 By State for art, English, foreign language, personal skills, and social studies 319
Table E3.5 By District for math, science, and vocational 324
Table E3.6 By District for art, English, foreign language, personal skills, and social studies 333
Table E3.7 By School for math, science, and vocational 344
Table E3.8 By School for art, English, foreign language, personal skills, and social studies 358

TABLE E1
Comparison of Average Credits

By School	9th Grade Sample 1981	 1983	Graduate Sample 1982	 1985	 1988
High School 1, District 1, CA	10.96	8.36	19.78	20.05	21.72
High School 2, District 1, CA	11.70	12.14	19.06	20.92	21.58
High School 3, District 2, CA	14.15	12.39	22.27	22.42	22.58
High School 4, District 3, CA	18.57	13.14	24.83	25.82	23.55
High School 5, District 4, FL	18.05	20.42	24.20	23.44	25.44
High School 6, District 4, FL	14.38	15.20	20.38	23.59	23.60
High School 7, District 5, FL	22.40	21.13	21.77	24.84	25.17
High School 8, District 5, FL	19.58	17.87	22.04	24.11	26.08
High School 9, District 6, MO	17.22	16.45	22.29	21.57	22.90
High School 10, District 6, MO	20.63	19.34	22.04	22.26	23.63
High School 11, District 7, MO	15.35	16.77	20.96	19.76	21.94
High School 12, District 7, MO	15.74	18.79	21.07	21.12	22.22
High School 13, District 8, PA	14.33	23.13	19.60	22.86	27.21
High School 14, District 8, PA	18.86	23.36	19.91	24.47	28.31
High School 15, District 9, PA	8.37	3.97	19.82	21.11	21.95
High School 16, District 9, PA	13.53	3.33	22.83	20.94	21.45
Mean	15.65	16.00	21.43	22.46	23.71

TABLE E1.1

	Average Credits			Change in Average Credits		
TOTAL SAMPLE - Subject Area	1982	1985	1988	1982-1985	1985-1988	1982-1988
Math						
Average Math Credits per Student	2.85	3.18	3.22	0.34	0.03	0.37
Average Credits (all departments)	21.38	22.47	23.71	1.09	1.24	2.32
% of Math Credits (of all depts.)	13%	14%	14%	1%	0%	1%
# of Students taking Math	432	419	408	-13	-11	-24
# of Students (total sample)	432	420	408	-12	-12	-24
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits Per Student	1.15	1.19	0.83	0.04	-0.36	-0.32
% of Basic Math Credits (of all math)	40%	37%	27%	-3%	-10%	-13%
% of Basic Math Credits (of all depts.)	5.4%	5.3%	3.5%	-0.1%	-1.8%	-1.9%
# of Students taking Basic Math	301	285	209	-16	-76	-92
% of Students taking Basic Math (of all students)	70%	68%	51%	-2%	-17%	-19%
Middle Level Math						
Average Middle Math Credits per Student	0.52	0.65	0.80	0.13	0.16	0.29
% of Middle Math Credits (of all math)	18%	20%	25%	2%	5%	7%
% of Middle Math Credits (of all depts.)	2.4%	2.9%	3.4%	0.5%	0.5%	1%
# of Students taking Middle Math	190	236	248	46	12	58
% of Students taking Middle Math (of all students)	44%	56%	61%	12%	5%	17%
Advanced Level Math						
Av. Advanced Math Credits per Student	1.17	1.32	1.54	0.15	0.23	0.37
% of Advanced Math Credits (of all math)	41%	41%	48%	0%	7%	7%
% of Advanced Math Credits (of all depts.)	5.5%	5.9%	6.5%	0.4%	0.6%	1%
# of Students taking Advanced Math	269	270	284	1	14	15

Table E1.1 (cont.)

	Average Credits			Change in Average Credits		
TOTAL SAMPLE - Subject Area	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Advanced Math (of all students)	62%	64%	70%	2%	6%	8%
Science						
Average Science Credits per Student	1.86	2.29	2.82	0.43	0.52	0.95
Average Credits (all departments)	21.38	22.47	23.71	1.09	1.24	2.32
% of Science Credits (of all depts.)	8.7%	10%	12%	1.3%	2%	3.3%
# of Students taking Science	422	416	407	-6	-9	-15
# of Students (total sample)	432	420	408	-12	-12	-24
% of Students taking Science (of all students)	98%	99%	100%	1%	1%	2%
Basic Level Science						
Average Basic Science Credits Per Student	0.95	1.11	1.45	0.16	0.35	0.51
% of Basic Science Credits (of all science)	51%	48%	52%	-3%	4%	1%
% of Basic Science Credits (of all depts.)	4.4%	4.9%	6.1%	0.5%	1.2%	1.7%
# of Students taking Basic Science	339	329	387	-10	58	48
% of Students taking Basic Science (of all students)	79%	78%	95%	-1%	17%	16%
Middle Level Science						
Average Middle Science Credits per Student	0.66	0.79	0.89	0.14	0.09	0.23
% of Middle Science Credits (of all science)	35%	35%	31%	0	-4%	-4%
% of Middle Science Credits (of all depts.)	3.1%	3.5%	3.7%	0.4%	0.2%	0.6%
# of Students taking Middle Science	239	254	269	15	15	30
% of Students taking Middle Science (of all students)	55%	61%	66%	6%	5%	11%

Table E1.1 (cont.)

	Average Credits			Change in Average Credits		
TOTAL SAMPLE - Subject Area	1982	1985	1988	1982-1985	1985-1988	1982-1988
Advanced Level Science						
Av. Advanced Science Credits per Student	0.26	0.39	0.46	0.13	0.07	0.20
% of Advanced Science Credits (of all science)	14%	17%	16%	3%	-1%	2%
% of Advanced Science Credits (of all depts.)	1.2%	1.7%	1.9%	0.5%	0.2%	0.7%
# of Students taking Advanced Science	103	141	154	38	13	51
% of Students taking Advanced Science (of all students)	24%	34%	38%	10%	4%	14%
Vocational						
Average Voc. Credits per Student	4.15	4.32	4.28	0.17	-0.04	0.13
Average Credits (all departments)	21.38	22.47	23.71	1.09	1.2	2.3
% of Vocational Credits (of all depts.)	19%	19%	18%	0	-1%	-1%
# of Students taking Vocational	432	420	407	-12	-13	-25
# of Students (total sample)	432	420	408	-12	-12	-24
% of Students taking Vocational (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Vocational						
Average Basic Vocational Credits Per Student	3.71	3.76	3.73	0.05	-0.04	0.02
% of Basic Vocational Credits (of all vocational)	89%	87%	87%	-2%	0%	-2%
% of Basic Vocational Credits (of all depts.)	17%	17%	16%	0	-1%	-1%
# of Students taking Basic Vocational	416	413	405	-3	-8	-11
% of Students taking Basic Vocational (of all students)	96%	98%	99%	2%	1%	3%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.33	0.49	0.47	0.16	-0.03	0.14
% of Middle Vocational Credits (of all voc.)	8.0%	11%	11%	3%	0%	3%

Table E1.1 (cont.)

TOTAL SAMPLE - Subject Area	Average Credits 1982	1985	1988	Change in Average Credits 1982-1985	1985-1988	1982-1988
% of Middle Vocational Credits (of all depts.)	1.6%	2.2%	2.0%	0.6%	-0.2%	0.4%
# of Students taking Middle Vocational	129	168	187	39	19	58
% of Students taking Middle Vocational (of students)	30%	40%	46%	10%	6%	16%
Advanced Level Vocational						
Av. Advanced Vocational Credits per Student	0.11	0.06	0.07	-0.05	0.01	-0.03
% of Advanced Vocational Credits (of all voc.)	2.6%	1.4%	1.7%	-1.2%	0.3%	-0.9%
% of Advanced Vocational Credits (of all depts.)	0.50%	0.27%	0.30%	-0.23%	0.03%	-0.2%
# of Students taking Advanced Vocational	33	21	26	-12	5	-7
% of Students taking Advanced Vocational (of all students)	7.6%	5.0%	6.4%	-2.6%	1.4%	-1.2%

TABLE E1.2

	Average Credits			Change in Average Credits		
TOTAL SAMPLE - Subject Area	1982	1985	1988	1982-1985	1985-1988	1982-1988
Art						
Average Voc. Credits per Student	1.46	1.34	1.62	-0.11	0.27	0.16
Average Credits (all departments)	21.38	22.47	23.71	1.09	1.24	2.32
% of Art Credits (of all depts.)	6.8%	6.0%	6.8%	-0.8%	0.8%	0%
# of Students taking Art	302	283	366	-19	83	64
# of Students (total sample)	432	420	408	-12	-12	-24
% of Students taking Art (of all students)	70%	67%	90%	-3%	23%	20%
Basic Level Art						
Average Basic Art Credits Per Student	1.25	1.13	1.30	-0.12	0.17	0.05
% of Basic Art Credits (of all art)	86%	84%	81%	-2%	-3%	-5%
% of Basic Art Credits (of all depts.)	5.9%	5.0%	5.5%	-0.9%	.5%	-0.4%
# of Students taking Basic Art	294	275	345	-19	70	51
% of Students taking Basic Art (of all students)	68%	66%	85%	-29%	19%	17%
Middle Level Art						
Average Middle Art Credits per Student	0.15	0.13	0.2	-0.02	0.07	0.05
% of Middle Art Credits (of all art)	11%	10%	12%	-1%	2%	1%
% of Middle Art Credits (of all depts.)	0.72%	0.59%	0.84%	-0.13%	0.25%	0.12%
# of Students taking Middle Art	49	50	81	1	31	32
% of Students taking Middle Art (of all students)	11%	12%	20%	1%	8%	9%
Advanced Level Art						
Av. Advanced Art Credits per Student	0.05	0.09	0.12	0.03	0.03	0.06
% of Advanced Art Credits (of all art)	3.6%	6.3%	7.2%	2.7%	0.9%	3.6%
% of Advanced Art Credits (of all depts.)	0.25%	0.38%	0.49%	0.13%	0.11%	0.24%
# of Students taking Advanced Art	27	29	38	2	9	11

Table E1.2 (cont.)

	Average Credits			Change in Average Credits		
TOTAL SAMPLE - Subject Area	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Advanced Art (of all students)	6.2%	6.9%	9.3%	0.7%	2.4%	3.1%
English						
Average English Credits per Student	3.97	4.22	4.16	0.25	-0.06	0.2
Average Credits (all departments)	21.38	22.47	23.71	1.09	1.24	2.32
% of English Credits (of all depts.)	19%	19%	18%	0%	-1%	-1%
# of Students taking English	432	420	408	-12	-12	-24
# of Students (total sample)	432	420	408	-12	-12	-24
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	2.21	2.10	1.88	-0.11	-0.23	-0.33
% of Basic English Credits (of all English)	56%	50%	45%	-6%	-5%	-11%
% of Basic English Credits (of all depts.)	10%	9.4%	7.9%	-0.6%	-1.5%	-2.1%
# of Students taking Basic English	422	398	403	-24	5	-19
% of Students taking Basic English (of all students)	98%	95%	99%	-3%	4%	1%
Middle Level English						
Average Middle English Credits per Student	0.91	0.99	1.04	0.08	0.05	0.13
% of Middle English Credits (of all English)	23%	23%	25%	0%	2%	2%
% of Middle English Credits (of all depts.)	4.2%	4.4%	4.4%	0.2%	0%	0%
# of Students taking Middle English	343	326	355	-17	29	12
% of Students taking Middle English (of all students)	79%	78%	87%	-1%	9%	8%
Advanced Level English						
Av. Advanced English Credits per Student	0.89	1.08	1.21	0.19	0.13	0.32
% of Advanced English Credits (of all English)	22%	26%	29%	4%	3%	7%
% of Advanced English Credits (of all depts.)	4.2%	4.8%	5.1%	0.6%	0.3%	0.9%

Table E1.2 (cont.)

	Average Credits			Change in Average Credits		
TOTAL SAMPLE - Subject Area	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Advanced English	299	303	303	4	0	4
% of Students taking Advanced English (of all students)	69%	72%	74%	3%	2%	5%
Foreign Language						
Average Foreign Language Credits per Student	0.56	0.7	0.99	0.14	0.29	0.44
Average Credits (all departments)	21.38	22.47	23.71	1.09	1.24	2.32
% of Foreign Language Credits (of all depts.)	2.6%	3.1%	4.2%	0.5%	1.1%	1.6%
# of Students taking Foreign Language	191	220	248	29	28	57
# of Students (total sample)	432	420	408	-12	-12	-24
% of Students taking Foreign Language (of all students)	44%	52%	61%	8%	9%	17%
Basic Level Foreign Language						
Average Basic F. Lang. Credits Per Student	0.36	0.48	0.58	0.12	0.1	0.22
% of Basic F. Lang. Credits (of all F. Lang.)	65%	69%	59%	4%	-10%	-6%
% of Basic Foreign Language Credits (of all depts.)	1.7%	2.1%	2.5%	0.4%	0.4%	0.8%
# of Students taking Basic Foreign Language	187	213	243	26	30	56
% of Students taking Basic Foreign Language (of all students)	43%	51%	60%	8%	9%	17%
Middle Level Foreign Language						
Average Middle F. Lang. Credits per Student	0.16	0.17	0.32	0.01	0.15	0.16
% of Middle F. Lang. Credits (of all F. Lang.)	28%	24%	32%	-4%	8%	4%
% of Middle Foreign Language Credits (of all depts.)	0.73%	0.74%	1.3%	0.010%	0.56%	0.57%
# of Students taking Middle Foreign Language	75	82	141	7	59	66
% of Students taking Middle Foreign Language (of all students)	17%	20%	35%	30%	15%	18%

Table E1.2 (cont.)

	Average Credits			Change in Average Credits		
TOTAL SAMPLE - Subject Area	1982	1985	1988	1982-1985	1985-1988	1982-1988
Advanced Level Foreign Language						
Av. Advanced F. Lang. Credits per Student	0.04	0.05	0.1	0.01	0.05	0.06
% of Advanced F. Lang. Credits (of all F. Lang.)	6.8%	6.9%	9.7%	0.100%	2.8%	2.9%
% of Advanced F. Lang. Credits (of all depts.)	0.18%	0.21%	0.40%	0.030%	0.190%	0.220%
# of Students taking Advanced F. Lang.	16	19	34	3	15	18
% of Students taking Advanced F. Lang. (of all students)	4%	5%	8%	1%	3%	4%
Personal Skills						
Average Personal Skills Credits per Student	3.3	3.18	3.09	-0.11	-0.09	-0.20
Average Credits (all departments)	21.38	22.47	23.71	1.09	1.24	2.32
% of Personal Skills Credits (of all depts.)	15%	14%	13%	-1%	-1%	-2%
# of Students taking Personal Skills	422	417	408	-5	-9	-14
# of Students (total sample)	432	420	408	-12	-12	-24
% of Students taking Personal Skills (of all students)	98%	99%	100%	1%	1%	2%
Basic Level Personal Skills						
Average Basic Personal Skills Credits Per Student	2.93	2.93	2.74	-0.00	-0.18	-0.19
% of Basic Personal Skills Credits (of all Personal Skills)	89%	92%	87%	3%	-5%	-2%
% of Basic Personal Skills Credits (of all depts.)	14%	13%	12%	-1%	-1%	-2%
# of Students taking Basic Personal Skills	422	415	408	-7	-7	-14
% of Students taking Basic Personal Skills (of all students)	98%	99%	100%	1%	1%	2%
Middle Level Personal Skills						
Average Middle Personal Skills Credits per Student	0.09	0.09	0.18	0.000	0.09	0.09

Table E1.2 (cont.)

TOTAL SAMPLE - Subject Area	Average Credits 1982	1985	1988	Change in Average Credits 1982-1985	1985-1988	1982-1988
% of Middle Personal Skills Credits (of all Personal Skills)	2.7%	2.8%	5.8%	0.1%	3%	3.1%
% of Middle Personal Skills Credits (of all depts.)	0.42%	0.40%	0.76%	-0.02%	0.36%	0.34%
# of Students taking Middle Personal Skills	54	45	74	-9	29	20
% of Students taking Middle Personal Skills (of all students)	13%	11%	18%	-2%	7%	5%
Advanced Level Personal Skills						
Av. Advanced Personal Skills Credits per Student	0.12	0.08	0.12	-0.03	0.04	0.01
% of Advanced Personal Skills Credits (of all Personal Skills)	3.6%	2.6%	4.0%	-1%	1.4%	0.4%
% of Advanced Personal Skills Credits (of all depts.)	0.55%	0.37%	0.52%	-0.18%	0.15%	-0.03%
# of Students taking Advanced Personal Skills	42	39	44	-3	5	2
% of Students taking Advanced Personal Skills (of all students)	10%	9%	11%	-1%	2%	1%
Social Studies						
Average Social Studies Credits per Student	3.26	3.23	3.53	-0.03	0.3	0.27
Average Credits (all departments)	21.38	22.47	23.71	1.09	1.24	2.32
% of Social Studies Credits (of all depts.)	15%	14%	15%	-1%	1%	0
# of Students taking Social Studies	431	420	408	-11	-12	-23
# of Students (total sample)	432	420	408	-12	-12	-24
% of Students taking Social Studies (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic Social Studies Credits Per Student	3.063	3.02	3.06	-0.04	0.03	-0.01
% of Basic Social Studies Credits (of all Social Studies)	94%	94%	87%	0%	-7%	-7%
% of Basic Social Studies Credits (of all depts.)	14%	14%	13%	0%	-1%	-1%

Table E1.2 (cont.)

TOTAL SAMPLE - Subject Area	Average Credits 1982	1985	1988	Change in Average Credits 1982-1985	1985-1988	1982-1988
# of Students taking Basic Social Studies	431	417	407	-14	-10	-24
% of Students taking Basic Social Studies (of all students)	100%	99%	100%	-1%	1%	0%
Middle Level Social Studies						
Average Middle Social Studies Credits per Student	0.102	0.05	0.26	-0.05	0.21	0.16
% of Middle Social Studies Credits (of all Social Studies)	3.1%	1.6%	7.5%	-1.5%	5.9%	4.4%
% of Middle Social Studies Credits (of all depts.)	0.48%	0.23%	1.1%	-0.25%	0.87%	0.62%
# of Students taking Middle Social Studies	69	37	152	-32	115	83
% of Students taking Middle Social Studies (of all students)	16%	9%	37%	-7%	28%	21%
Advanced Level Social Studies						
Av. Advanced Social Studies Credits per Student	0.05	0.14	0.13	0.08	-0.00	0.08
% of Advanced Social Studies Credits (of all Social Studies)	1.7%	4.2%	3.8%	2.5%	-0.4%	2.1%
% of Advanced Social Studies Credits (of all depts.)	0.25%	0.61%	0.57%	0.36%	-0.04 %	0.32%
# of Students taking Advanced Social Studies	21	43	47	22	4	26
% of Students taking Advanced S. Studies (of all students)	5%	10%	12%	5%	2%	7%

TABLE E1.3

	Average Credits			Change in Average Credits		
BY STATE Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
CALIFORNIA						
Math						
Average Math Credits Per Student	2.77	3.06	2.95	0.29	-0.11	0.18
Average Credits (all departments)	21.44	23.31	22.37	1.87	-0.94	0.93
% of Math Credits (of all depts.)	13%	13%	13%	0.00%	0.00%	0.00%
# of Students taking Math	127	105	106	-22	1	-21
# of Students (total sample)	127	105	106	-22	1	-21
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	0.97	0.95	0.48	-0.02	-0.47	-0.49
% of Basic Math Credits (of all math)	35%	31%	26%	-4.00%	-5.00%	-9.00%
% of Basic Math Credits (of all depts.)	5%	4%	2%	-1.00%	-2.00%	-3.00%
# of Students taking Basic Math	76	67	43	-9	-24	-33
% of Students taking Basic Math (of all students)	60%	64%	41%	4%	-23%	-19%
Middle Level Math						
Average Middle Math Credits per Student	0.59	0.88	1.15	0.29	0.27	0.56
% of Middle Math Credits (of all math)	22%	29%	39%	7.00%	10.00%	17.00%
% of Middle Credits (of all depts.)	3%	4%	5%	1.00%	1.00%	2.00%
# of Students taking Middle Math	62	76	96	14	20	34
% of Student taking Middle Math (of all students)	49%	72%	91%	23%	19%	42%
Advanced Level Math						
Av. Advanced Math Credits Per Student	1.19	1.21	1.31	0.02	0.10	0.12
% of Advanced Math Credits (of all math)	43%	40%	44%	-3.00%	4.00%	1.00%
% of Advanced Math Credits (of all depts.)	6%	5%	6%	-1.00%	1.00%	0.00%
# of Students taking Advanced Math	93	75	72	-18	-3	-21
% of Students taking Advanced Math (of all students)	73%	71%	68%	-2%	-3%	-5%

TABLE E1.3

	Average Credits			Change in Average Credits		
BY STATE Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
CALIFORNIA						
Math						
Average Math Credits Per Student	2.77	3.06	2.95	0.29	-0.11	0.18
Average Credits (all departments)	21.44	23.31	22.37	1.87	-0.94	0.93
% of Math Credits (of all depts.)	13%	13%	13%	0.00%	0.00%	0.00%
# of Students taking Math	127	105	106	-22	1	-21
# of Students (total sample)	127	105	106	-22	1	-21
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	0.97	0.95	0.48	-0.02	-0.47	-0.49
% of Basic Math Credits (of all math)	35%	31%	26%	-4.00%	-5.00%	-9.00%
% of Basic Math Credits (of all depts.)	5%	4%	2%	-1.00%	-2.00%	-3.00%
# of Students taking Basic Math	76	67	43	-9	-24	-33
% of Students taking Basic Math (of all students)	60%	64%	41%	4%	-23%	-19%
Middle Level Math						
Average Middle Math Credits per Student	0.59	0.88	1.15	0.29	0.27	0.56
% of Middle Math Credits (of all math)	22%	29%	39%	7.00%	10.00%	17.00%
% of Middle Credits (of all depts.)	3%	4%	5%	1.00%	1.00%	2.00%
# of Students taking Middle Math	62	76	96	14	20	34
% of Student taking Middle Math (of all students)	49%	72%	91%	23%	19%	42%
Advanced Level Math						
Av. Advanced Math Credits Per Student	1.19	1.21	1.31	0.02	0.10	0.12
% of Advanced Math Credits (of all math)	43%	40%	44%	-3.00%	4.00%	1.00%
% of Advanced Math Credits (of all depts.)	6%	5%	6%	-1.00%	1.00%	0.00%
# of Students taking Advanced Math	93	75	72	-18	-3	-21
% of Students taking Advanced Math (of all students)	73%	71%	68%	-2%	-3%	-5%

Table E1.3 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Science						
Average Science Credits Per Student	1.44	1.60	2.28	0.16	0.68	0.84
Average Credits (all departments)	21.44	23.31	22.37	1.87	-0.94	0.93
% of Science Credits (of all depts.)	7%	7%	10%	0.00%	3.00%	3.00%
# of Students taking Science	119	101	105	-18	4	-14
# of Students (total sample)	127	105	106	-22	1	-21
% of Students taking Science (of all students)	94%	96%	99%	2%	3%	5%
Basic Level Science						
Average Basic Science Credits per Student	0.69	0.64	1.23	-0.05	0.59	0.54
% Basic Science Credits (of all Science)	48%	40%	54%	-8.00%	14.00%	6.00%
% of Basic Science Credits (of all depts.)	3%	3%	6%	0.00%	3.00%	3.00%
# of Students taking Basic Science	85	70	102	-15	32	17
% of Students taking Basic Science (of all students)	67%	67%	96%	0%	29%	29%
Middle Level Science						
Average Middle Science Credits per Student	0.62	0.81	0.70	0.19	-0.11	0.08
% of Middle Science Credits (of all Science)	43%	51%	31%	8.00%	-20.00%	-12.00%
% of Middle Science Credits (of all depts.)	3%	4%	3%	1.00%	-1.00%	0.00%
# of Students taking Middle Science	66	67	71	1	4	5
% of Students taking Middle Science (of all students)	52%	64%	67%	12%	3%	15%
Advanced Level Science						
Average Advanced Science Credits per Student	0.12	0.15	0.32	0.03	0.17	0.20
% Adv. Science Credits (of all Science)	8%	9%	14%	1.00%	5.00%	6.00%
% of Adv. Science Credits (of all depts.)	0.6%	0.6%	1.4%	0.00%	0.80%	0.80%
# of Students taking Advanced Science	16	18	37	2	19	21
% of Students taking Advanced Science (of all students)	13%	17%	35%	4%	18%	22%

Table E1.3 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Vocational						
Average Vocational Credits Per Student	4.21	4.17	3.46	-0.04	-0.71	-0.75
Average Credits (all departments)	21.44	23.31	22.37	1.87	-0.94	0.93
% of Vocational Credits (of all depts.)	20%	18%	16%	-2.00%	-2.00%	-4.00%
# of Students taking Vocational	123	105	106	-18	1	-17
# of Students (total sample)	127	105	106	-22	1	-21
% of Students taking Vocational (of all students)	97%	100%	100%	3%	0%	3%
Basic Level Vocational						
Average Basic Vocational Credits per Student	3.73	3.67	1.23	-0.06	-2.44	-2.50
% Basic Vocational Credits (of all Vocational)	89%	88%	89%	-1.00%	1.00%	0.00%
% of Basic Vocational Credits (of all depts.)	17%	16%	6%	-1.00%	-10.00%	-11.00%
# of Students taking Basic Vocational	123	101	106	-22	5	-17
% of Students taking Basic Vocational (of all students)	97%	100%	100%	3%	0%	3%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.37	0.47	0.33	0.10	-0.14	-0.04
% of Middle Vocational Credits (of all Vocational)	9%	11%	10%	2.00%	-1.00%	1.00%
% of Middle Vocational Credits (of all depts.)	2%	2%	1.5%	0.00%	-0.50%	-0.50%
# of Students taking Middle Vocational	39	46	38	7	-8	-1
% of Students taking Middle Vocational (of all students)	32%	44%	36%	12%	-8%	4%
Advanced Level Vocational						
Average Advanced Vocational Credits per Student	0.11	0.03	0.04	-0.08	0.01	-0.07
% Adv. Vocational Credits (of all Vocational)	3%	1%	1%	-2.00%	0.00%	-2.00%
% of Adv. Vocational Credits (of all depts.)	0.5%	0.1%	0.2%	-0.40%	0.10%	-0.30%
# of Students taking Advanced Vocational	12	4	5	-8	1	-7

Table E1.3 (cont.)

BY STATE Math, Science and Vocational Courses	Average Credits 1982	 1985	 1988	Change in Average Credits 1982-1985	 1985-1988	 1982-1988
% of Students taking Advanced Vocational (of all students)	9%	4%	5%	-5%	1%	-4%
FLORIDA						
Math						
Average Math Credits Per Student	2.77	3.06	2.95	0.29	-0.11	0.18
Average Credits (all departments)	22.03	23.99	25.06	1.96	1.07	3.03
% of Math Credits (of all depts.)	13%	13%	12%	0.00%	-1.00%	-1.00%
# of Students taking Math	103	102	101	-1	-1	-2
# of Students (total sample)	103	102	101	-1	-1	-2
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	0.97	0.95	0.48	-0.02	-0.47	-0.49
% Basic Math Credits (of all Math)	43%	37%	26%	-6.00%	-11.00%	-17.00%
% of Basic Math Credits (of all depts.)	4.4%	4.0%	2.0%	-0.40%	-2.00%	-2.40%
# of Students taking Basic Math	80	57	58	-23	1	-22
% of Students taking Basic Math (of all students)	78%	56%	57%	-22%	1%	-21%
Middle Level Math						
Average Middle Math Credits per Student	0.81	0.55	0.96	-0.26	0.41	0.15
% of Middle Math Credits (of all Math)	24%	22%	27%	-2.00%	5.00%	3.00%
% of Middle Math Credits (of all depts.)	3.7%	2.3%	3.8%	-1.40%	1.50%	0.10%
# of Students taking Middle Math	64	72	62	8	-10	-2
% of Students taking Middle Math (of all students)	62%	71%	61%	9%	-10%	-1%
Advanced Level Math						
Average Advanced Math Credits per Student	1.12	1.66	1.66	0.54	0.00	0.54
% Adv. Math Credits (of all Math)	53%	40%	45%	-13.00%	5.00%	-8.00%

Table E1.3 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Adv. Math Credits (of all depts.)	5.1%	6.9%	6.6%	1.80%	-0.30%	1.50%
# of Students taking Advanced Math	64	65	62	1	-3	-2
% of Students taking Advanced Math (of all students)	62%	64%	61%	2%	-3%	-1%
Science						
Average Science Credits Per Student	2.17	3.29	3.26	1.12	-0.03	1.09
Average Credits (all departments)	22.03	23.99	25.06	1.96	1.07	3.03
% of Science Credits (of all depts.)	9.8%	14%	13%	4.20%	-1.00%	3.20%
# of Students taking Science	102	102	101	0	-1	-1
# of Students (total sample)	103	102	101	-1	-1	-2
% of Students taking Science (of all students)	99%	100%	100%	1%	0%	1%
Basic Level Science						
Average Basic Science Credits per Student	1.24	1.79	1.93	0.55	0.14	0.69
% Basic Science Credits (of all Science)	57%	55%	59%	-2.00%	4.00%	2.00%
% of Basic Science Credits (of all depts.)	5.6%	7.5%	7.7%	1.90%	0.20%	2.10%
# of Students taking Basic Science	94	96	95	2	-1	1
% of Students taking Basic Science (of all students)	91%	94%	94%	3%	0%	3%
Middle Level Science						
Average Middle Science Credits per Student	0.64	0.94	0.78	0.30	-0.16	0.14
% of Middle Science Credits (of all Science)	29%	28%	24%	-1.00%	-4.00%	-5.00%
% of Middle Science Credits (of all depts.)	2.9%	3.9%	3.1%	1.00%	-0.80%	0.20%
# of Students taking Middle Science	58	66	59	8	-7	1
% of Students taking Middle Science (of all students)	56%	65%	58%	9%	-7%	2%

Table E1.3 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Advanced Level Science						
Average Advanced Science Credits per Student	0.29	0.54	0.54	0.25	0.00	0.25
% Adv. Science Credits (of all Science)	13%	16%	16%	3.00%	0.00%	3.00%
% of Adv. Science Credits (of all depts.)	1.3%	2.2%	2.1%	0.90%	-0.10%	0.80%
# of Students taking Advanced Science	24	42	33	18	-9	9
% of Students taking Advanced Science (of all students)	23%	41%	33%	18%	-8%	10%
Vocational						
Average Vocational Credits Per Student	3.73	3.96	4.19	0.23	0.23	0.46
Average Credits (all departments)	22.03	23.99	25.06	1.96	1.07	3.03
% of Vocational Credits (of all depts.)	17%	17%	17%	0.00%	0.00%	0.00%
# of Students taking Vocational	98	102	101	4	-1	3
# of Students (total sample)	103	102	101	-1	-1	-2
% of Students taking Vocational (of all students)	95%	100%	100%	5%	0%	5%
Basic Level Vocational						
Average Basic Vocational Credits per Student	3.42	3.59	3.72	0.17	0.13	0.30
% Basic Vocational Credits (of all Voc.)	92%	91%	89%	-1.00%	-2.00%	-3.00%
% of Basic Vocational Credits (of all depts.)	16%	15%	15%	-1.00%	0.00%	-1.00%
# of Students taking Basic Vocational	95	102	99	7	-3	4
% of Students taking Basic Vocational (of all students)	95%	100%	98%	5%	-2%	3%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.30	0.37	0.37	0.07	0.00	0.07
% of Middle Vocational Credits (of all Voc.)	8.1%	9.3%	8.8%	1.20%	-0.50%	0.70%
% of Middle Vocational Credits (of all depts.)	1.4%	1.5%	1.5%	0.10%	0.00%	0.10%
# of Students taking Middle Vocational	26	29	46	3	17	20

Table E1.3 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Middle Vocational (of all students)	25%	28%	46%	3%	18%	21%
Advanced Level Vocational						
Average Advanced Vocational Credits per Student	0.01	0.01	0.09	0.00	0.08	0.08
% Adv. Vocational Credits (of all Vocational)	27%	13%	2.1%	-14.00%	-10.90%	-24.90%
% of Adv. Vocational Credits (of all depts.)	0.05%	0.02%	0.36%	0.02%	0.34%	0.36%
# of Students taking Advanced Vocational	1	1	8	0	7	7
% of Students taking Advanced Vocational (of all students)	.97%	.98%	7.9%	0.01%	6.92%	6.93%
MISSOURI						
Math						
Average Math Credits Per Student	2.68	2.66	3.05	-0.02	0.39	0.37
Average Credits (all departments)	21.55	21.19	22.69	-0.36	1.50	1.14
% of Math Credits (of all depts.)	12%	13%	14%	1.00%	1.00%	2.00%
# of Students taking Math	103	103	102	0	-1	-1
# of Students (total sample)	103	104	102	1	-2	-1
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	0.85	0.82	0.65	-0.03	-0.17	-0.20
% Basic Math Credits (of all Math)	32%	31%	21%	-1.00%	-10.00%	-11.00%
% of Basic Math Credits (of all depts.)	4%	4%	3%	0.00%	-1.00%	-1.00%
# of Students taking Basic Math	103	103	102	0	-1	-1
% of Students taking Basic Math (of all students)	58%	51%	38%	-7%	-13%	-20%
Middle Level Math						
Average Middle Math Credits per Student	0.55	0.82	0.65	0.27	-0.17	0.10
% of Middle Math Credits (of all Math)	21%	21%	25%	0.00%	4.00%	4.00%

Table E1.3 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Middle Math Credits (of all depts.)	3%	4%	3%	1.00%	-1.00%	0.00%
# of Students taking Middle Math	57	60	65	3	5	8
% of Students taking Middle Math (of all students)	55%	58%	64%	3%	6%	9%
Advanced Level Math						
Average Advanced Math Credits per Student	1.29	1.25	1.58	-0.04	0.33	0.29
% Adv. Math Credits (of all Math)	48%	47%	52%	-1.00%	5.00%	4.00%
% of Adv. Math Credits (of all depts.)	6%	6%	7%	0.00%	1.00%	1.00%
# of Students taking Advanced Math	65	67	76	2	9	11
% of Students taking Advanced Math (of all students)	63%	64%	75%	1%	11%	12%
Science						
Average Science Credits Per Student	1.84	1.97	2.86	0.13	0.89	1.02
Average Credits (all departments)	21.55	21.19	22.69	-0.36	1.50	1.14
% of Science Credits (of all depts.)	9%	9%	13%	0.00%	4.00%	4.00%
# of Students taking Science	102	104	102	2	-2	0
# of Students (total sample)	103	104	102	1	-2	-1
% of Students taking Science (of all students)	99%	100%	100%	1%	0%	1%
Basic Level Science						
Average Basic Science Credits per Student	1.12	1.12	1.6	0.00	0.48	0.48
% Basic Science Credits (of all Science)	61%	57%	56%	-4.00%	-1.00%	-5.00%
% of Basic Science Credits (of all depts.)	5%	5%	7%	0.00%	2.00%	2.00%
# of Students taking Basic Science	86	83	97	-3	14	11
% of Students taking Basic Science (of all students)	84%	80%	95%	-4%	15%	11%

Table E1.3 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Middle Level Science						
Average Middle Science Credits per Student	0.39	0.49	0.67	0.10	0.18	0.28
% of Middle Science Credits (of all Science)	21%	25%	24%	4.00%	-1.00%	3.00%
% of Middle Science Credits (of all depts.)	2%	2%	3%	0.00%	1.00%	1.00%
# of Students taking Middle Science	34	42	52	8	10	18
% of Students taking Middle Science (of all students)	33%	40%	51%	7%	11%	18%
Advanced Level Science						
Average Advanced Science Credits per Student	0.33	0.36	0.56	0.03	0.20	0.23
% Adv. Science Credits (of all Science)	18%	18%	20%	0.00%	2.00%	2.00%
% of Adv. Science Credits (of all depts.)	2%	2%	3%	0.00%	1.00%	1.00%
# of Students taking Advanced Science	35	40	49	5	9	14
% of Students taking Advanced Science (of all students)	34%	39%	48%	5%	9%	14%
Vocational						
Average Vocational Credits Per Student	4.73	4.76	4.72	0.03	-0.04	-0.01
Average Credits (all departments)	21.55	21.19	22.69	-0.36	1.50	1.14
% of Vocational Credits (of all depts.)	22%	23%	21%	1.00%	-2.00%	-1.00%
# of Students taking Vocational	103	103	102	0	-1	-1
# of Students (total sample)	103	104	102	1	-2	-1
% of Students taking Vocational (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Vocational						
Average Basic Vocational Credits per Student	4.27	4.15	4.07	-0.12	-0.08	-0.20
% Basic Vocational Credits (of all Vocational)	90%	87%	86%	-3.00%	-1.00%	-4.00%
% of Basic Vocational Credits (of all depts.)	20%	20%	18%	0.00%	-2.00%	-2.00%
# of Students taking Basic Vocational	103	103	102	0	-1	-1

Table E1.3 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Basic Vocational (of all students)	100%	99%	100%	-1%	1%	0%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.31	0.54	0.51	0.23	-0.03	0.20
% of Middle Vocational Credits (of all Vocational)	7%	11%	11%	4.00%	0.00%	4.00%
% of Middle Vocational Credits (of all depts.)	1%	3%	2%	2.00%	-1.00%	1.00%
# of Students taking Middle Vocational	35	46	53	11	7	18
% of Students taking Middle Vocational (of all students)	34%	44%	52%	10%	8%	18%
Advanced Level Vocational						
Average Advanced Vocational Credits per Student	0.16	0.07	0.07	-0.09	0.00	-0.09
% Adv. Vocational Credits (of all Vocational)	3%	1%	2%	-2.00%	1.00%	-1.00%
% of Adv. Vocational Credits (of all depts.)	1%	0.3%	0.3%	-0.70%	0.00%	-0.70%
# of Students taking Advanced Vocational	12	4	5	-8	1	-7
% of Students taking Advanced Vocational (of all students)	12%	4%	5%	-8%	1%	-7%
PENNSYLVANIA						
Math						
Average Math Credits Per Student	2.54	2.89	3.15	0.35	0.26	0.61
Average Credits (all departments)	20.51	22.43	24.82	1.92	2.39	4.31
% of Math Credits (of all depts.)	12%	13%	13%	1.00%	0.00%	1.00%
# of Students taking Math	99	109	99	10	-10	0
# of Students (total sample)	99	109	99	10	-10	0
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	1.39	1.44	1.25	0.05	-0.19	-0.14

Table E1.3 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% Basic Math Credits (of all Math)	55%	50%	40%	-5.00%	-10.00%	-15.00%
% of Basic Math Credits (of all depts.)	7%	6%	5%	-1.00%	-1.00%	-2.00%
# of Students taking Basic Math	85	88	69	3	-19	-16
% of Students taking Basic Math (of all students)	86%	81%	70%	-5%	-11%	-16%
Middle Level Math						
Average Middle Math Credits per Student	0.08	0.26	0.26	0.18	0.00	0.18
% of Middle Math Credits (of all Math)	3%	9%	8%	6.00%	-1.00%	5.00%
% of Middle Math Credits (of all depts.)	0.4%	1%	1%	0.60%	0.00%	0.60%
# of Students taking Middle Math	7	28	25	21	-3	18
% of Students taking Middle Math (of all students)	7%	28%	25%	21%	-3%	18%
Advanced Level Math						
Average Advanced Math Credits per Student	1.08	1.17	1.64	0.09	0.47	0.56
% Adv. Math Credits (of all Math)	42%	41%	52%	-1.00%	11.00%	10.00%
% of Adv. Math Credits (of all depts.)	5%	5%	7%	0.00%	2.00%	2.00%
# of Students taking Advanced Math	54	63	74	9	11	20
% of Students taking Advanced Math (of all students)	55%	58%	75%	3%	17%	20%
Science						
Average Science Credits Per Student	2.12	2.34	2.89	0.22	0.55	0.77
Average Credits (all departments)	20.51	22.43	24.82	1.92	2.39	4.31
% of Science Credits (of all depts.)	10%	10%	12%	0.00%	2.00%	2.00%
# of Students taking Science	90	109	99	19	-10	9
# of Students (total sample)	99	109	99	10	-10	0
% of Students taking Science (of all students)	91%	100%	100%	9%	0%	9%
Basic Level Science						
Average Basic Science Credits per Student	0.78	0.90	1.05	0.12	0.15	0.27

Table E1.3 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% Basic Science Credits (of all Science)	37%	39%	36%	2.00%	-3.00%	-1.00%
% of Basic Science Credits (of all depts.)	4%	4%	4%	0.00%	0.00%	0.00%
# of Students taking Basic Science	74	80	93	6	13	19
% of Students taking Basic Science (of all students)	75%	73%	94%	-2%	21%	19%
Middle Level Science						
Average Middle Science Credits per Student	1.00	0.93	1.40	-0.07	0.47	0.40
% of Middle Science Credits (of all Science)	47%	40%	49%	-7.00%	9.00%	2.00%
% of Middle Science Credits (of all depts.)	5%	2%	4%	-3.00%	2.00%	-1.00%
# of Students taking Middle Science	81	79	87	-2	8	6
% of Students taking Middle Science (of all students)	82%	73%	88%	-9%	15%	6%
Advanced Level Science						
Average Advanced Science Credits per Student	0.34	0.5	0.43	0.16	-0.07	0.09
% Adv. Science Credits (of all Science)	16%	21%	15%	5.00%	-6.00%	-1.00%
% of Adv. Science Credits (of all depts.)	2%	2%	2%	0.00%	0.00%	0.00%
# of Students taking Advanced Science	27	41	35	14	-6	8
% of Students taking Advanced Science (of all students)	27%	38%	35%	11%	-3%	8%
Vocational						
Average Vocational Credits Per Student	3.9	4.38	4.82	0.48	0.44	0.92
Average Credits (all departments)	20.51	22.43	24.82	1.92	2.39	4.31
% of Vocational Credits (of all depts.)	19%	20%	19%	1.00%	-1.00%	0.00%
# of Students taking Vocational	95	107	98	12	-9	3
# of Students (total sample)	99	109	99	10	-10	0
% of Students taking Vocational (of all students)	96%	98%	99%	2%	1%	3%

Table E1.3 (cont.)

BY STATE Math, Science and Vocational Courses	Average Credits 1982	1985	1988	Change in Average Credits 1982-1985	1985-1988	1982-1988
Basic Level Vocational						
Average Basic Vocational Credits per Student	3.410	3.658	4.058	0.25	0.40	0.65
% Basic Vocational Credits (of all Voc.)	88%	84%	84%	-4.00%	0.00%	-4.00%
% of Basic Vocational Credits (of all depts.)	17%	16%	16%	-1.00%	0.00%	-1.00%
# of Students taking Basic Vocational	95	107	98	12	-9	3
% of Students taking Basic Vocational (of all students)	96%	98%	99%	2%	1%	3%
Middle Level Vocational						
Average Middle Voc. Credits per Student	0.335	0.586	0.677	0.25	0.09	0.34
% of Middle Vocational Credits (of all Voc.)	9%	13%	14%	4.00%	1.00%	5.00%
% of Middle Voc. Credits (of all depts.)	2%	3%	3%	1.00%	0.00%	1.00%
# of Students taking Middle Vocational	29	47	50	18	3	21
% of Students taking Middle Vocational (of all students)	29%	43%	51%	14%	8%	22%
Advanced Level Vocational						
Average Advanced Voc. Credits per Student	0.152	0.133	0.086	-0.02	-0.05	-0.07
% Adv. Vocational Credits (of all Vocational)	4%	3%	2%	-1.00%	-1.00%	-2.00%
% of Adv. Vocational Credits (of all depts.)	0.7%	0.6%	0.4%	-0.10%	-0.20%	-0.30%
# of Students taking Advanced Vocational	11	11	7	0	-4	-4
% of Students taking Advanced Vocational (of all students)	11%	10%	7%	-1%	-3%	-4%

TABLE E1.4

	Average Credits			Change in Average Credits		
BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1982-1985	1985-1988	1982-1988
CALIFORNIA						
Art						
Average Art Credits Per Student	1.49	1.23	1.82	-0.26	0.59	0.33
Average Credits (all departments)	21.44	23.31	22.37	1.87	-0.94	0.93
% of Art Credits (of all depts.)	6.9%	5.3%	8.1%	-1.60%	2.80%	1.20%
# of Students taking Art	89	78	90	-11	12	1
# of Students (total sample)	127	105	106	-22	1	-21
% of Students taking Art (of all students)	70%	74%	85%	4%	11%	15%
Basic Level Art						
Average Basic Art Credits per Student	1.20	0.98	1.34	-0.22	0.36	0.14
% Basic Art Credits (of all Art)	80%	78%	74%	-2.00%	-4.00%	-6.00%
% of Basic Art Credits (of all depts.)	5.6%	4.2%	6.0%	-1.40%	1.80%	0.40%
# of Students taking Basic Art	88	74	84	-14	10	-4
% of Students taking Basic Art (of all students)	69%	71%	79%	2%	8%	10%
Middle Level Art						
Average Middle Art Credits per Student	0.19	0.18	0.34	-0.01	0.16	0.15
% of Middle Art Credits (of all Art)	13%	14%	18%	1.00%	4.00%	5.00%
% of Middle Art Credits (of all depts.)	0.90%	0.76%	1.5%	-0.14%	0.74%	0.60%
# of Students taking Middle Art	13	6	9	-7	3	-4
% of Students taking Middle Art (of all students)	10%	5.7%	8.5%	-4.3%	2.8%	-1.5%
Advanced Level Art						
Average Advanced Art Credits per Student	0.11	0.11	0.14	0.00	0.03	0.03
% Adv. Art Credits (of all Art)	7.1%	8.6%	7.9%	1.50%	-0.70%	0.80%
% of Adv. Art Credits (of all depts.)	0.50%	0.45%	0.64%	-0.05%	0.19%	0.14%
# of Students taking Advanced Art	13	6	9	-7	3	-4

Table E1.4 (cont.)

BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	Average Credits 1982	1985	1988	Change in Average Credits 1982-1985	1985-1988	1982-1988
% of Students taking Advanced Art (of all students)	10%	5.7%	8.5%	-4.3%	2.8%	-1.5%
English						
Average English Credits Per Student	3.41	4.1	3.99	0.69	-0.11	0.58
Average Credits (all departments)	21.44	23.31	22.37	1.87	-0.94	0.93
% of English Credits (of all depts.)	16%	18%	18%	2.00%	0.00%	2.00%
# of Students taking English	127	105	106	-22	1	-21
# of Students (total sample)	127	105	106	-22	1	-21
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits per Student	2.13	2.05	2.28	-0.08	0.23	0.15
% Basic English Credits (of all English)	61%	51%	58%	-10.00%	7.00%	-3.00%
% of Basic English Credits (of all depts.)	10%	8.8%	18%	-1.20%	9.20%	8.00%
# of Students taking Basic English	120	97	106	-23	9	-14
% of Students taking Basic English (of all students)	95%	81%	100%	-14%	19%	5%
Middle Level English						
Average Middle English Credits per Student	0.54	0.81	0.83	0.27	0.02	0.29
% of Middle English Credits (of all English)	15%	20%	21%	5.00%	1.00%	6.00%
% of Middle English Credits (of all depts.)	2.5%	3.5%	3.7%	1.00%	0.20%	1.20%
# of Students taking Middle English	66	67	82	1	15	16
% of Students taking Middle English (of all students)	52%	64%	77%	12%	13%	25%
Advanced Level English						
Average Advanced Credits per Student	0.82	1.78	0.86	0.96	-0.92	0.04
% Adv. English Credits (of all English)	24%	29%	22%	5.00%	-7.00%	-2.00%

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Adv. English Credits (of all depts.)	3.8%	5.0%	3.8%	1.20%	-1.20%	0.00%
# of Students taking Advanced English	84	78	58	-6	-20	-26
% of Students taking Advanced English (of all students)	66%	74%	55%	8%	-19%	-11%
Foreign Language						
Average Foreign Language Credits Per Student	0.93	1.18	1.10	0.25	-0.08	0.17
Average Credits (all departments)	21.44	23.31	22.37	1.87	-0.94	0.93
% of Foreign Language Credits (of all depts.)	4.3%	5.1%	4.9%	0.80%	-0.20%	0.60%
# of Students taking Foreign Language	81	79	82	-2	3	1
# of Students (total sample)	127	105	106	-22	1	-21
% of Students taking Foreign Language (of all students)	64%	75%	77%	11%	2%	13%
Basic Level Foreign Language						
Average Basic Foreign Language Credits per Student	0.63	0.84	0.71	0.21	-0.13	0.08
% Basic Foreign Language Credits (of all For. Lang.)	68%	71%	64%	3.00%	-7.00%	-4.00%
% of Basic Foreign Language Credits (of all depts.)	2.9%	3.6%	3.2%	0.70%	-0.40%	0.30%
# of Students taking Basic Foreign Language	79	78	81	-1	3	2
% of Students taking Basic Foreign Language (of all students)	62%	74%	76%	12%	2%	14%
Middle Level Foreign Language						
Average Middle Foreign Language Credits per Student	0.26	0.29	0.34	0.03	0.05	0.08
% of Middle For. Lang. Credits (of all For. Lang.)	27%	24%	21%	-3.00%	-3.00%	-6.00%
% of Middle Foreign Language Credits (of all depts.)	1.2%	1.2%	1.5%	0.00%	0.30%	0.30%

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Middle Foreign Language	36	40	44	4	4	8
% of Students taking Middle Foreign Language (of all students)	28%	38%	54%	10%	16%	26%
Advanced Level Foreign Language						
Average Adv. Foreign Language Credits per Student	0.05	0.06	0.05	0.01	-0.01	0.00
% Adv. For. Lang. Credits (of all For. Lang.)	5%	5%	5%	0.00%	0.00%	0.00%
% of Adv. Foreign Language Credits (of all depts.)	0.22%	0.24%	0.23%	0.02%	-0.01%	0.01%
# of Students taking Advanced Foreign Language	6	6	6	0	0	0
% of Students taking Advanced Foreign Language (of all students)	28%	38%	54%	10%	16%	26%
Personal Skills						
Average Personal Skills Credits Per Student	4.09	3.86	3.44	-0.23	-0.42	-0.65
Average Credits (all departments)	21.44	23.31	22.37	1.87	-0.94	0.93
% of Personal Skills Credits (of all depts.)	19%	17%	15%	-2.00%	-2.00%	-4.00%
# of Students taking Personal Skills	126	105	106	-21	1	-20
# of Students (total sample)	127	105	106	-22	1	-21
% of Students taking Personal Skills (of all students)	99%	100%	100%	1%	0%	1%
Basic Level Personal Skills						
Average Basic Personal Skills Credits per Student	3.87	3.86	3.26	-0.01	-0.60	-0.61
% Basic Personal Skills Credits (of all Personal Skills)	98%	98%	95%	0.00%	-3.00%	-3.00%
% of Basic Personal Skills Credits (of all depts.)	18%	17%	15%	-1.00%	-2.00%	-3.00%
# of Students taking Basic Personal Skills	126	105	106	-21	1	-20
% of Students taking Basic Personal Skills (of all students)	99%	100%	100%	1%	0%	1%

Table E1.4 (cont.)

BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	Average Credits 1982	1985	1988	Change in Average Credits 1982-1985	1985-1988	1982-1988
Middle Level Personal Skills						
Average Middle Personal Skills Credits per Student	0.04	0.01	0.02	-0.03	0.01	-0.02
% of Middle Personal Skills Credits (of all Pers. Skills)	1.1%	.36%	.55%	-0.74%	0.19%	-0.55%
% of Middle Personal Skills Credits (of all depts.)	.20%	.06%	.08%	-0.14%	0.02%	-0.12%
# of Students taking Middle Personal Skills	6	2	2	-4	0	-4
% of Students taking Middle Personal Skills (of all students)	4.7%	1.9%	1.9%	-2.8%	0%	-2.8%
Advanced Level Personal Skills						
Average Adv. Personal Skills Credits per Student	0.04	0.06	0.15	0.02	0.09	0.11
% Adv. Personal Skills Credits (of all Personal Skills)	1.1%	1.4%	4.5%	0.30%	3.10%	3.40%
% of Adv. Personal Skills Credits (of all depts.)	0.20%	0.24%	0.68%	0.04%	0.44%	0.48%
# of Students taking Advanced Personal Skills	6	8	13	2	5	7
% of Students taking Advanced Personal Skills (of all students)	4.7%	7.6%	12%	2.9%	4.4%	7.3%
Social Studies						
Average Social Studies Credits Per Student	3.11	3.11	3.33	0.00	0.22	0.22
Average Credits (all departments)	21.44	23.31	22.37	1.87	-0.94	0.93
% of Social Studies Credits (of all depts.)	15%	13%	15%	-2.00%	2.00%	0.00%
# of Students taking Social Studies	127	105	106	-22	1	-21
# of Students (total sample)	127	105	106	-22	1	-21
% of Students taking Social Studies (of all students)	100%	100%	100%	0%	0%	0%

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1982-1985	1985-1988	1982-1988
Basic Level Social Studies						
Average Basic Social Studies Credits per Student	2.99	2.96	3.23	-0.03	0.27	0.24
% Basic Social Studies Credits (of all Social Studies)	96%	95%	97%	-1.00%	2.00%	1.00%
% of Basic Social Studies Credits (of all depts.)	14%	13%	14%	-1.00%	1.00%	0.00%
# of Students taking Basic Social Studies	127	105	106	-22	1	-21
% of Students taking Basic Social Studies (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle Social Studies Credits per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Middle Social Studies Credits (of all Social Studies)	.13%	0%	0%	-0.13%	0.00%	-0.13%
% of Middle Social Studies Credits (of all depts.)	0.02%	0%	0%	-0.02%	0.00%	-0.02%
# of Students taking Middle Social Studies	1	0	0	-1	0	-1
% of Students taking Middle Social Studies (of all students)	79%	0%	0%	-79%	0%	-79%
Advanced Level Social Studies						
Average Adv. Social Studies Credits per Student	0.08	0.10	0.07	0.02	-0.03	-0.01
% Adv. Social Studies Credits (of all Social Studies)	2.7%	3.2%	2.0%	0.50%	-1.20%	-0.70%
% of Adv. Social Studies Credits (of all depts.)	0.39%	0.43%	0.30%	0.04%	-0.13%	-0.09%
# of Students taking Advanced Social Studies	8	10	9	2	-1	1
% of Students taking Advanced Social Studies (of all students)	6.3%	10%	8.5%	3.7%	-1.5%	2.2%

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1982-1985	1985-1988	1982-1988
FLORIDA						
Art						
Average Art Credits Per Student	1.03	1.35	1.25	0.32	-0.10	0.22
Average Credits (all departments)	22.03	23.99	25.06	1.96	1.07	3.03
% of Art Credits (of all depts.)	4.7%	5.6%	5.0%	0.90%	-0.60%	0.30%
# of Students taking Art	49	53	100	4	47	51
# of Students (total sample)	103	102	101	-1	-1	-2
% of Students taking Art (of all students)	48%	52%	99%	4%	47%	51%
Basic Level Art						
Average Basic Art Credits per Student	0.82	1.12	1.05	0.30	-0.07	0.23
% Basic Art Credits (of all Art)	80%	83%	84%	3.00%	1.00%	4.00%
% of Basic Art Credits (of all depts.)	3.7%	4.6%	4.2%	0.90%	-0.40%	0.50%
# of Students taking Basic Art	46	52	92	6	40	46
% of Students taking Basic Art (of all students)	45%	51%	91%	6%	40%	46%
Middle Level Art						
Average Middle Art Credits per Student	0.15	0.13	0.09	-0.02	-0.04	-0.06
% of Middle Art Credits (of all Art)	15%	10%	7.5%	-5.00%	-2.50%	-7.50%
% of Middle Art Credits (of all depts.)	0.68%	0.53%	.38%	-0.15%	-0.15%	-0.30%
# of Students taking Middle Art	9	11	16	2	5	7
% of Students taking Middle Art (of all students)	8.7%	11%	16%	2.3%	5%	7.3%
Advanced Level Art						
Average Advanced Art Credits per Student	0.05	0.10	0.11	0.05	0.01	0.06
% Adv. Art Credits (of all Art)	5.2%	7.7%	8.7%	2.50%	1.00%	3.50%
% of Adv. Art Credits (of all depts.)	0.24%	0.43%	0.43%	0.19%	0.00%	0.19%
# of Students taking Advanced Art	4	6	10	2	4	6

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Advanced Art (of all students)	3.9%	5.9%	9.9%	2%	4%	6%
English						
Average English Credits Per Student	4.27	4.27	4.14	0.00	-0.13	-0.13
Average Credits (all departments)	22.03	23.99	25.06	1.96	1.07	3.03
% of English Credits (of all depts.)	19%	18%	17%	-1.00%	-1.00%	-2.00%
# of Students taking English	103	102	101	-1	-1	-2
# of Students (total sample)	103	102	101	-1	-1	-2
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits per Student	2.34	1.98	1.45	-0.36	-0.53	-0.89
% Basic English Credits (of all English)	54%	46%	35%	-8.00%	-11.00%	-19.00%
% of Basic English Credits (of all depts.)	11%	8.2%	5.8%	-2.80%	-2.40%	-5.20%
# of Students taking Basic English	101	96	100	-5	4	-1
% of Students taking Basic English (of all students)	98%	94%	99%	-4%	5%	1%
Middle Level English						
Average Middle English Credits per Student	1.13	1.39	1.12	0.26	-0.27	-0.01
% of Middle English Credits (of all English)	26%	32%	27%	6.00%	-5.00%	1.00%
% of Middle English Credits (of all depts.)	5.1%	5.8%	4.5%	0.70%	-1.30%	-0.60%
# of Students taking Middle English	97	89	81	-8	-8	-16
% of Students taking Middle English (of all students)	94%	87%	80%	-7%	-7%	-14%
Advanced Level English						
Average Advanced English Credits per Student	0.88	0.93	1.56	0.05	0.63	0.68
% Adv. English Credits (of all English)	29%	22%	38%	-7.00%	16.00%	9.00%

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Adv. English Credits (of all depts.)	4.0%	3.9%	6.2%	-0.10%	2.30%	2.20%
# of Students taking Advanced English	74	72	96	-2	24	22
% of Students taking Advanced English (of all students)	72%	71%	95%	-1%	24%	23%
Foreign Language						
Average Foreign Language Credits Per Student	0.23	0.34	1.00	0.11	0.66	0.77
Average Credits (all departments)	22.03	23.99	25.06	1.96	1.07	3.03
% of Foreign Language Credits (of all depts.)	1.03%	1.4%	4.0%	0.37%	2.60%	2.97%
# of Students taking Foreign Language	17	30	63	13	33	46
# of Students (total sample)	103	102	101	-1	-1	-2
% of Students taking Foreign Language (of all students)	17%	29%	62%	12%	33%	45%
Basic Level Foreign Language						
Average Basic Foreign Language Credits per Student	0.16	0.24	0.57	0.08	0.33	0.41
% Basic For Lang. Credits (of all For. Lang.)	70%	51%	57%	-19.00%	6.00%	-13.00%
% of Basic Foreign Language Credits (of all depts.)	.73%	1.01%	2.3%	0.28%	1.29%	1.57%
# of Students taking Basic Foreign Language	16	27	60	11	33	44
% of Students taking Basic Foreign Language (of all students)	16%	27%	59%	11%	32%	43%
Middle Level Foreign Language						
Average Middle Foreign Language Credits per Student	0.03	0.03	0.06	0.00	0.03	0.03
% of Middle For. Lang. Credits (of all For. Lang.)	15%	7.3%	5.9%	-7.70%	-1.40%	-9.10%
% of Middle Foreign Language Credits (of all depts.)	0.15%	0.10%	0.23%	-0.05%	0.13%	0.08%

Table E1.4 (cont.)

BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	Average Credits 1982	1985	1988	Change in Average Credits 1982-1985	1985-1988	1982-1988
# of Students taking Middle Foreign Language	3	2	5	-1	3	2
% of Students taking Middle Foreign Language (of all students)	2.9%	1.9%	4.9%	-1%	3%	2%
Advanced Level Foreign Language						
Average Advanced For. Lang. Credits per Student	0.03	0.03	0.06	0.00	0.03	0.03
% Adv. For. Lang. Credits (of all For. Lang.)	15%	7.3%	5.9%	-7.70%	-1.40%	-9.10%
% of Adv. Foreign Language Credits (of all depts.)	0.15%	0.10%	0.23%	-0.05%	0.13%	0.08%
# of Students taking Advanced Foreign Language	3	2	5	-1	3	2
% of Students taking Advanced Foreign Language (of all students)	2.9%	1.9%	4.9%	-1%	3%	2%
Personal Skills						
Average Personal Skills Credits Per Student	4.03	3.56	3.94	-0.47	0.38	-0.09
Average Credits (all departments)	22.03	23.99	25.06	1.96	1.07	3.03
% of Personal Skills Credits (of all depts.)	18%	15%	16%	-3.00%	1.00%	-2.00%
# of Students taking Personal Skills	103	102	101	-1	-1	-2
# of Students (total sample)	103	102	101	-1	-1	-2
% of Students taking Personal Skills (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Personal Skills						
Average Basic Personal Skills Credits per Student	3.25	3.20	3.21	-0.05	0.01	-0.04
% Basic Pers. Skills Credits (of all Pers. Skills)	89%	91%	82%	2.00%	-9.00%	-7.00%
% of Basic Personal Skills Credits (of all depts.)	15%	13%	13%	-2.00%	0.00%	-2.00%
# of Students taking Basic Personal Skills	102	99	101	-3	2	-1
% of Students taking Basic Personal Skills (of all students)	99%	97%	100%	-2%	3%	1%

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1982-1985	1985-1988	1982-1988
Middle Level Personal Skills						
Average Middle Personal Skills Credits per Student	0.14	0.16	0.55	0.02	0.39	0.41
% of Middle Pers. Skills Credits (of all Pers. Skills)	.25%	4.6%	14%	4.35%	9.40%	13.75%
% of Middle Personal Skills Credits (of all depts.)	.64%	.68%	2.2%	0.04%	1.52%	1.56%
# of Students taking Middle Personal Skills	16	13	50	-3	37	34
% of Students taking Middle Personal Skills (of all students)	15%	13%	50%	-2%	37%	35%
Advanced Level Personal Skills						
Average Advanced Personal Skills Credits per Student	0.00	0.17	0.21	0.17	0.04	0.21
% Adv. Pers. Skills Credits (of all Pers. Skills)	0%	4.7%	5.3%	4.70%	0.60%	5.30%
% of Adv. Personal Skills Credits (of all depts.)	0%	.70%	0.83%	0.70%	0.13%	0.83%
# of Students taking Advanced Personal Skills	22	13	14	-9	1	-8
% of Students taking Advanced Personal Skills (of all students)	21%	13%	14%	-8%	1%	-7%
Social Studies						
Average Social Studies Credits Per Student	3.18	3.07	3.56	-0.11	0.49	0.38
Average Credits (all departments)	22.03	23.99	25.06	1.96	1.07	3.03
% of Social Studies Credits (of all depts.)	14%	13%	14%	-1.00%	1.00%	0.00%
# of Students taking Social Studies	102	102	101	0	-1	-1
# of Students (total sample)	103	102	101	-1	-1	-2
% of Students taking Social Studies (of all students)	99%	100%	100%	1%	0%	1%
Basic Level Social Studies						
Average Basic Social Studies Credits per Student	2.83	2.85	3.02	0.02	0.17	0.19

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1982-1985	1985-1988	1982-1988
% Basic Social Studies Credits (of all S. S.)	93%	93%	85%	0.00%	-8.00%	-8.00%
% of Basic Social Studies Credits (of all depts.)	13%	12%	12%	-1.00%	0.00%	-1.00%
# of Students taking Basic Social Studies	102	99	100	-3	1	-2
% of Students taking Basic Social Studies (of all students)	99%	100%	100%	1%	0%	1%
Middle Level Social Studies						
Average Middle Social Studies Credits per Student	0.21	0.04	0.31	-0.17	0.27	0.10
% of Middle Social Studies Credits (of all S. S.)	6.6%	1.4%	.88%	-5.20%	-0.52%	-5.72%
% of Middle Social Studies Credits (of all depts.)	0.95%	.18%	1.2%	-0.77%	1.02%	0.25%
# of Students taking Middle Social Studies	31	7	58	-24	51	27
% of Students taking Middle Social Studies (of all students)	30%	6.9%	57%	-23.1%	50.1%	27%
Advanced Level Social Studies						
Average Advanced Social Studies Credits per Student	0.00	0.17	0.21	0.17	0.04	0.21
% Adv. Social Studies Credits (of all S. S.)	0%	5.4%	5.8%	5.40%	0.40%	5.80%
% of Adv. Social Studies Credits (of all depts.)	0%	0.70%	0.83%	0.70%	0.13%	0.83%
# of Students taking Advanced Social Studies	0	11	16	11	5	16
% of Students taking Advanced Social Studies (of all students)	0%	11%	16%	11%	5%	16%
MISSOURI						
Art						
Average Art Credits Per Student	2.15	1.89	1.92	-0.26	0.03	-0.23
Average Credits (all departments)	21.55	21.19	22.69	-0.36	1.50	1.14
% of Art Credits (of all departments)	10%	8.9%	8.4%	-1.10%	-0.50%	-1.60%

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Art	98	94	97	-4	3	-1
# of Students (total sample)	103	104	102	1	-2	-1
% of Students taking Art (of all students)	95%	90%	95%	-5%	5%	0%
Basic Level Art						
Average Basic Art Credits Per Student	2.0	1.62	1.49	-0.38	-0.13	-0.51
% of Basic Art Credits (of all Art)	93%	86%	78%	-7.00%	-8.00%	-15.00%
% of Basic Art Credits (of all depts.)	9.3%	7.6%	6.6%	-1.70%	-1.00%	-2.70%
# of Students taking Basic Art	98	93	94	-5	1	-4
% of Students taking Basic Art (of all students)	95%	89%	92%	-6%	3%	-3%
Middle Level Art						
Average Middle Art Credits Per Student	0.13	0.19	0.28	0.06	0.09	0.15
% of Middle Art Credits (of all Art)	6.0%	10%	15%	4.00%	5.00%	9.00%
% of Middle Art Credits (of all depts.)	.61%	.89%	1.3%	0.28%	0.41%	0.69%
# of Students taking Middle Art	16	20	23	4	3	7
% of Students taking Middle Art (of all students)	16%	19%	23%	3%	4%	7%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.02	0.08	0.14	0.06	0.06	0.12
% of Advanced Art Credits (of all Art)	1.0%	4.0%	7.0%	3.00%	3.00%	6.00%
% of Advanced Art Credits (of all depts.)	.09%	.39%	.63%	0.30%	0.24%	0.54%
# of Students taking Advanced Art	2	6	9	4	3	7
% of Students taking Advanced Art (of all students)	1.9%	5.8%	8.8%	3.9%	3%	6.9%
English						
Average English Credits Per Student	3.67	3.83	3.96	0.16	0.13	0.29
Average Credits (all departments)	21.55	21.19	22.69	-0.36	1.50	1.14
% of English Credits (of all depts.)	17%	18%	17%	1.00%	-1.00%	0.00%

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking English	103	104	102	1	-2	-1
# of Students (total sample)	103	104	102	1	-2	-1
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	2.11	2.04	1.96	-0.07	-0.08	-0.15
% of Basic English Credits (of all math)	58%	53%	50%	-5.00%	-3.00%	-8.00%
% of Basic English Credits (of all depts.)	9.8%	9.6%	8.6%	-0.20%	-1.00%	-1.20%
# of Students taking Basic English	103	100	99	-3	-1	-4
% of Students taking Basic English (of all students)	100%	96%	97%	-4%	1%	-3%
Middle Level English						
Average Mid. English Credits Per Student	1.1	0.99	1.15	-0.11	0.16	0.05
% of Mid. English Credits(of all English)	30%	26%	29%	-4.00%	3.00%	-1.00%
% of Mid.English Credits (of all depts)	5.1%	4.7%	5.1%	-0.40%	0.40%	0.00%
# of Students taking Middle English	98	96	98	-2	2	0
% of Students taking Middle English (of all students)	95%	92%	96%	-3%	4%	1%
Advanced Level English						
Average Adv. English Credits Per Student	0.46	0.75	0.76	0.29	0.01	0.30
% of Adv. English Credits(of all English)	13%	19%	19%	6.00%	0.00%	6.00%
% of Adv. English Credits (of all depts.)	2.1%	3.5%	3.3%	1.40%	-0.20%	1.20%
# of Students taking Advanced English	53	57	55	4	-2	2
% of Students taking Advanced English (of all students)	51%	55%	54%	4%	-1%	3%

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1982-1985	1985-1988	1982-1988
Foreign Language						
Average F. Lang. Credits Per Student	0.45	0.40	0.67	-0.05	0.27	0.22
Average Credits (all depts.)	21.55	21.19	22.69	-0.36	1.50	1.14
% of F. Lang. Credits (of all depts.)	2.1%	1.9%	3.0%	-0.20%	1.10%	0.90%
# of Students taking F. Language	30	29	41	-1	12	11
# of Students (total sample)	103	104	102	1	-2	-1
% of Students taking F. Language (of all students)	29%	28%	40%	-1%	12%	11%
Basic Level Foreign Language						
Average Basic F.Lang. Credits Per Student	0.27	0.27	0.42	0.00	0.15	0.15
% of Basic F.Lang.Credits (of all F.Lang)	59%	67%	62%	8.00%	-5.00%	3.00%
% of Basic F.Lang.Credits (of all depts.)	1.2%	1.3%	1.8%	0.10%	0.50%	0.60%
# of Students taking Basic F.Lang.	29	26	41	-3	15	12
% of Students taking Basic F.Lang. (of all students)	28%	25%	40%	-3%	15%	12%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.14	0.09	0.18	-0.05	0.09	0.04
% of Middle F.Lang.Credits (of all F.Lang)	30%	23%	27%	-7.00%	4.00%	-3.00%
% of Middle F.Lang.Credits (of all depts.)	.63%	.43%	.80%	-0.20%	0.37%	0.17%
# of Students taking Middle F.Lang.	13	10	20	-3	10	7
% of Students taking Middle F.Lang. (of all students)	13%	10%	20%	-3%	10%	7%
Advanced Level Foreign Language						
Average Adv. F. Lang. Credits Per Student	0.05	0.04	0.07	-0.01	0.03	0.02
% of Adv. F.Lang.Credits (of all F.Lang)	11%	11%	11%	0.00%	0.00%	0.00%
% of Adv. F.Lang.Credits (of all depts.)	.23%	.20%	.33%	-0.03%	0.13%	0.10%

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Adv. F.Lang.	5	5	8	0	3	3
% of Students taking Adv. F.Lang. (of all students)	4.9%	4.8%	7.8%	-0.1%	3%	2.9%
Personal Skills						
Average Pers. Skills Credits Per Student	2.58	2.41	2.33	-0.17	-0.08	-0.25
Average Credits (all departments)	21.55	21.19	22.69	-0.36	1.50	1.14
% of Pers. Skills Credits (of all depts.)	12%	11%	10%	-1.00%	-1.00%	-2.00%
# of Students taking Pers. Skills	103	102	102	-1	0	-1
# of Students (total sample)	103	104	102	1	-2	-1
% of Students taking Pers. Skills (of all students)	100%	98%	100%	-2%	2%	0%
Basic Level Personal Skills						
Avg. Basic Pers.S. Credits Per Student	2.27	2.1	1.97	-0.17	-0.13	-0.30
% of Basic Pers.S. Credits (of all P.S.)	88%	87%	85%	-1.00%	-2.00%	-3.00%
% of Basic Pers.S. Credits (of all depts)	11%	10%	8.7%	-1.00%	-1.30%	-2.30%
# of Students taking Basic Pers. Skills	103	102	102	-1	0	-1
% of Students taking Basic Pers. Skills (of all students)	100%	98%	100%	-2%	2%	0%
Middle Level Personal Skills						
Avg. Middle Pers. S. Credits Per Student	0.09	0.06	0.10	-0.03	0.04	0.01
% of Middle Pers.S. Credits (of all P.S.)	3.4%	2.6%	4.4%	-0.80%	1.80%	1.00%
% of Middle Pers.S.Credits (of all depts)	.40%	.30%	.45%	-0.10%	0.15%	0.05%
# of Students taking Middle Pers. Skills	13	9	11	-4	2	-2
% of Students taking Middle Pers. Skills (of all students)	13%	8.7%	11%	-4.3%	2.3%	-2%
Advanced Level Personal Skills						
Average Adv. Pers. S. Credits Per Student	0.15	0.14	0.19	-0.01	0.05	0.04

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Adv.Pers.S. Credits (of all P.S.)	5.7%	5.8%	8.2%	0.10%	2.40%	2.50%
% of Adv.Pers.S. Credits (of all depts.)	.68%	.66%	.84%	-0.02%	0.18%	0.16%
# of Students taking Adv. Pers. Skills	12	16	15	4	-1	3
% of Students taking Adv. Pers. Skills (of all students)	12%	15%	15%	3%	0%	3%
Social Studies						
Average S.S. Credits Per Student	3.45	3.27	3.18	-0.18	-0.09	-0.27
Average Credits (all departments)	21.55	21.19	22.69	-0.36	1.50	1.14
% of S.S.Credits (of all depts.)	16%	16%	14%	0.00%	-2.00%	-2.00%
# of Students taking S.S.	103	104	102	1	-2	-1
# of Students (total sample)	103	104	102	1	-2	-1
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	3.25	3.10	2.69	-0.15	-0.41	-0.56
% of Basic S.S.Credits (of all S.S.)	94%	95%	85%	1.00%	-10.00%	-9.00%
% of Basic S.S.Credits (of all depts.)	15%	15%	12%	0.00%	-3.00%	-3.00%
# of Students taking Basic S.S.	103	104	102	1	-2	-1
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.20	0.14	0.25	-0.06	0.11	0.05
% of Middle S.S.Credits (of all S.S)	6.0%	4.1%	7.7%	-1.90%	3.60%	1.70%
% of Middle S.S.Credits (of all depts.)	.95%	.64%	1.1%	-0.31%	0.46%	0.15%
# of Students taking Middle S.S.	36	26	47	-10	21	11
% of Students taking Middle S.S. (of all students)	35%	25%	46%	-10%	21%	11%

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1982-1985	1985-1988	1982-1988
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.01	0.01	0.01	0.00	0.01
% of Adv. S.S.Credits (of all S.S.)	0%	.43%	.16%	0.43%	-0.27%	0.16%
% of Adv. S.S. Credits (of all depts.)	0%	.07%	.02%	0.07%	-0.05%	0.02%
# of Students taking Advanced S.S.	0	2	1	2	-1	1
% of Students taking Advanced S.S. (of all students)	0%	2.0%	.98%	2%	-1.02%	0.98%
PENNSYLVANIA						
Art						
Average Art Credits Per Student	1.14	0.93	1.46	-0.21	0.53	0.32
Average Credits (all departments)	20.51	22.43	24.82	1.92	2.39	4.31
% of Art Credits (of all departments)	5.6%	4.2%	5.9%	-1.40%	1.70%	0.30%
# of Students taking Art	66	58	79	-8	21	13
# of Students (total sample)	99	109	99	10	-10	0
% of Students taking Art (of all students)	67%	53%	80%	-14%	27%	13%
Basic Level Art						
Average Basic Art Credits Per Student	0.99	0.83	1.32	-0.16	0.49	0.33
% of Basic Art Credits (of all Art)	87%	89%	90%	2.00%	1.00%	3.00%
% of Basic Art Credits (of all depts.)	4.8%	3.7%	5.3%	-1.10%	1.60%	0.50%
# of Students taking Basic Art	62	56	75	-6	19	13
% of Students taking Basic Art (of all students)	94%	97%	95%	3%	-2%	1%
Middle Level Art						
Average Middle Art Credits Per Student	0.13	0.05	0.07	-0.08	0.02	-0.06
% of Middle Art Credits (of all Art)	12%	5.5%	5.4%	-6.50%	-0.10%	-6.60%
% of Middle Art Credits (of all depts.)	.65%	.21%	.29%	-0.44%	0.08%	-0.36%

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE **Art, English, Foreign Language, Personal Skills, and Social Studies**	**1982**	**1985**	**1988**	**1982-1985**	**1985-1988**	**1982-1988**
# of Students taking Middle Art	11	6	8	-5	2	-3
% of Students taking Middle Art (of all students)	17%	10%	10%	-7%	0%	-7%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.02	0.05	0.07	0.03	0.02	0.05
% of Advanced Art Credits (of all Art)	1.8%	5.8%	4.9%	4.00%	-0.90%	3.10%
% of Advanced Art Credits (of all depts.)	.09%	.39%	.63%	0.30%	0.24%	0.54%
# of Students taking Advanced Art	8	11	10	3	-1	2
% of Students taking Advanced Art (of all students)	2.0%	6.4%	9.3%	4.4%	2.9%	7.3%
English						
Average English Credits Per Student	4.68	4.66	4.58	-0.02	-0.08	-0.10
Average Credits (all departments)	20.51	22.43	24.82	1.92	2.39	4.31
% of English Credits (of all depts.)	23%	21%	18%	-2.00%	-3.00%	-5.00%
# of Students taking English	99	109	99	10	-10	0
# of Students (total sample)	99	109	99	10	-10	0
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	2.28	2.34	1.79	0.06	-0.55	-0.49
% of Basic English Credits (of all Eng.)	49%	51%	39%	2.00%	-12.00%	-10.00%
% of Basic English Credits (of all depts)	11%	10%	7.2%	-1.00%	-2.80%	-3.80%
# of Students taking Basic English	98	105	98	7	-7	0
% of Students taking Basic English (of all students)	99%	96%	99%	-3%	3%	0%
Middle Level English						
Avg. Middle English Credits Per Student	0.95	0.78	1.07	-0.17	0.29	0.12
% of Middle English Credits (of all math)	20%	17%	23%	-3.00%	6.00%	3.00%

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Middle Eng. Credits (of all depts.)	4.6%	3.5%	4.3%	-1.10%	0.80%	-0.30%
# of Students taking Middle English	82	74	94	-8	20	12
% of Students taking Middle English (of all students)	83%	68%	95%	-15%	27%	12%
Advanced Level English						
Average Adv. English Credits Per Student	1.43	1.45	1.7	0.02	0.25	0.27
% of Adv. English Credits (of all Eng.)	31%	32%	37%	1.00%	5.00%	6.00%
% of Adv. English Credits (of all depts.)	7.0%	6.5%	6.8%	-0.50%	0.30%	-0.20%
# of Students taking Advanced English	88	96	94	8	-2	6
% of Students taking Advanced English (of all students)	89%	88%	95%	-1%	7%	6%
Foreign Language						
Average F. Lang. Credits Per Student	0.53	0.84	1.19	0.31	0.35	0.66
Average Credits (all departments)	20.51	22.43	24.82	1.92	2.39	4.31
% of F. Lang. Credits (of all depts.)	2.6%	3.8%	4.8%	1.20%	1.00%	2.20%
# of Students taking F. Language	63	82	62	19	-20	-1
# of Students (total sample)	99	109	99	10	-10	0
% of Students taking F. Language (of all students)	64%	75%	63%	11%	-12%	-1%
Basic Level Foreign Language						
Average Basic F.Lang. Credits Per Student	0.32	0.57	0.63	0.25	0.06	0.31
% of Basic F. Lang. Credits (of all F.L.)	62%	67%	53%	5.00%	-14.00%	-9.00%
% of Basic F.Lang.Credits (of all depts.)	1.6%	2.5%	2.5%	0.90%	0.00%	0.90%
# of Students taking Basic F.Lang.	63	82	61	19	-21	-2
% of Students taking Basic F.Lang. (of all students)	64%	75%	62%	11%	-13%	-2%

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE **Art, English, Foreign Language, Personal Skills, and Social Studies**	1982	1985	1988	1982-1985	1985-1988	1982-1988
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.81	0.21	0.36	-0.60	0.15	-0.45
% of Middle F.Lang. Credits (of all F.L.)	35%	25%	31%	-10.00%	6.00%	-4.00%
% of Middle F.Lang.Credits (of all depts)	.89%	.94%	1.5%	0.05%	0.56%	0.61%
# of Students taking Middle F.Lang.	21	25	38	4	13	17
% of Students taking Middle F.Lang. (of all students)	21%	23%	38%	2%	15%	17%
Advanced Level Foreign Language						
Average Adv. F. Lang. Credits Per Student	0.02	0.06	0.20	0.04	0.14	0.18
% of Adv. F. Lang. Credits (of all math)	3.8%	7.6%	17%	3.80%	9.40%	13.20%
% of Adv. F.Lang.Credits (of all depts.)	.10%	.29%	.81%	0.19%	0.52%	0.71%
# of Students taking Adv. F.Lang.	2	6	15	4	9	13
% of Students taking Adv. F.Lang. (of all students)	2.0%	5.5%	15%	3.5%	9.5%	13%
Personal Skills						
Average Pers. Skills Credits Per Student	2.25	2.92	2.65	0.67	-0.27	0.40
Average Credits (all departments)	20.51	22.43	24.82	1.92	2.39	4.31
% of Pers. Skills Credits (of all depts.)	11%	13%	11%	2.00%	-2.00%	0.00%
# of Students taking Pers. Skills	96	108	99	12	-9	3
# of Students (total sample)	99	109	99	10	-10	0
% of Students taking Pers. Skills (of all students)	97%	99%	100%	2%	1%	3%
Basic Level Personal Skills						
Average Basic Pers.S. Credits Per Student	2.06	2.56	2.5	0.50	-0.06	0.44
% of Basic Pers. S. Credits (of all P.S.)	95%	96%	98%	1.00%	2.00%	3.00%
% of Basic Pers.S. Credits (of all depts)	10%	11%	10%	1.00%	-1.00%	0.00%
# of Students taking Basic Pers. Skills	90	106	99	16	-7	9

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Basic Pers. Skills (of all students)	91%	97%	100%	6%	3%	9%
Middle Level Personal Skills						
Avg. Middle Pers. S. Credits Per Student	0.1	0.12	0.06	0.02	-0.06	-0.04
% of Middle Pers.S. Credits (of all P.S.)	4.3%	4.0%	2.1%	-0.30%	-1.90%	-2.20%
% of Middle Pers.S.Credits (of all depts)	.47%	.52%	.23%	0.05%	-0.29%	-0.24%
# of Students taking Middle Pers. Skills	19	21	11	2	-10	-8
% of Students taking Middle Pers. Skills (of all students)	19%	19%	11%	0%	-8%	-8%
Advanced Level Personal Skills						
Average Adv. Pers. S. Credits Per Student	0.01	0.00	0.01	-0.01	0.01	0.00
% of Adv.Pers.S. Credits (of all P.S.)	.44%	0%	.19%	-0.44%	0.19%	-0.25%
% of Adv.Pers.S. Credits (of all depts.)	.05%	0%	.02%	-0.05%	0.02%	-0.03%
# of Students taking Adv. Pers. Skills	2	2	2	0	0	0
% of Students taking Adv. Pers. Skills (of all students)	2.0%	1.8%	2.0%	-0.2%	0.2%	0%
Social Studies						
Average S.S. Credits Per Student	3.36	3.47	4.08	0.11	0.61	0.72
Average Credits (all departments)	20.51	22.43	24.82	1.92	2.39	4.31
% of S.S.Credits (of all depts.)	16%	15%	16%	-1.00%	1.00%	0.00%
# of Students taking S.S.	99	109	99	10	-10	0
# of Students (total sample)	99	109	99	10	-10	0
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	3.21	3.18	3.28	-0.03	0.10	0.07
% of Basic S.S.Credits (of all S.S.)	96%	92%	81%	-4.00%	-11.00%	-15.00%

Table E1.4 (cont.)

	Average Credits			Change in Average Credits		
BY STATE Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Basic S.S.Credits (of all depts.)	16%	14%	13%	-2.00%	-1.00%	-3.00%
# of Students taking Basic S.S.	99	109	97	10	-12	-2
% of Students taking Basic S.S. (of all students)	100%	100%	98%	0%	-2%	-2%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.01	0.03	0.52	0.02	0.49	0.51
% of Middle S.S.Credits (of all S.S)	.30%	.92%	13%	0.62%	12.08%	12.70%
% of Middle S.S.Credits (of all depts.)	.05%	.14%	2.1%	0.09%	1.96%	2.05%
# of Students taking Middle S.S.	1	4	47	3	43	46
% of Students taking Middle S.S. (of all students)	1.0%	3.7%	48%	2.7%	44.3%	47%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.13	0.26	0.26	0.13	0.00	0.13
% of Adv. S.S.Credits (of all S.S.)	3.9%	7.4%	6.5%	3.50%	-0.90%	2.60%
% of Adv. S.S. Credits (of all depts.)	.61%	1.1%	1.2%	.49%	.1%	.59%
# of Students taking Advanced S.S.	13	20	21	7	1	8
% of Students taking Advanced S.S. (of all depts.)	13%	18%	21%	5%	3%	8%

TABLE E1.5

	Average Credits			Change in Average Credits		
BY DISTRICT **Math, Science and Vocational Courses**	**1982**	**1985**	**1988**	**1982-1985**	**1985-1988**	**1982-1988**
DISTRICT 1, CALIFORNIA						
Math						
Average Math Credits Per Student	2.54	2.64	2.77	0.10	0.13	0.23
Average Credits (all departments)	19.47	20.44	21.65	0.97	1.21	2.18
% of Math Credits (of all depts.)	13%	13%	13%	0.00%	0.00%	0.00%
# of Students taking Math	63	52	50	-11	-2	-13
# of Students (total sample)	63	52	50	-11	-2	-13
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	0.916	0.97	0.58	0.05	-0.39	-0.34
% Basic Math Credits (of all Math)	36%	37%	21%	1.00%	-16.00%	-15.00%
% of Basic Math Credits (of all depts.)	5%	5%	3%	0.00%	-2.00%	-2.00%
# of Students taking Basic Math	35	32	22	-3	-10	-13
% of Students taking Basic Math (of all students)	56%	62%	44%	6%	-18%	-12%
Middle Level Math						
Average Middle Math Credits per Student	0.65	0.89	1.23	0.24	0.34	0.58
% of Middle Math Credits (of all Math)	26%	34%	44%	8.00%	10.00%	18.00%
% of Middle Math Credits (of all depts.)	3%	4%	6%	1.00%	2.00%	3.00%
# of Students taking Middle Math	34	37	49	3	12	15
% of Students taking Middle Math (of all students)	54%	71%	98%	17%	27%	44%
Advanced Level Math						
Average Advanced Math Credits per Student	0.97	0.79	0.96	-0.18	0.17	-0.01
% Adv. Math Credits (of all Math)	38%	30%	35%	-8.00%	5.00%	-3.00%
% of Adv. Math Credits (of all depts.)	5%	4%	4%	-1.00%	0.00%	-1.00%

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Advanced Math	42	31	26	-11	-5	-16
% of Students taking Advanced Math (of all students)	67%	60%	52%	-7%	-8%	-15%
Science						
Average Science Credits Per Student	1.33	1.45	2.16	0.12	0.71	0.83
Average Credits (all departments)	19.47	20.44	21.65	0.97	1.21	2.18
% of Science Credits (of all depts.)	7%	7%	10%	0.00%	3.00%	3.00%
# of Students taking Science	56	48	49	-8	1	-7
# of Students (total sample)	63	52	50	-11	-2	-13
% of Students taking Science (of all students)	89%	92%	98%	3%	6%	9%
Basic Level Science						
Average Basic Science Credits per Student	0.94	0.90	1.20	-0.04	0.30	0.26
% Basic Science Credits (of all Science)	71%	62%	56%	-9.00%	-6.00%	-15.00%
% of Basic Science Credits (of all depts.)	5%	4%	6%	-1.00%	2.00%	1.00%
# of Students taking Basic Science	52	47	49	-5	2	-3
% of Students taking Basic Science (of all students)	83%	90%	98%	7%	8%	15%
Middle Level Science						
Average Middle Science Credits per Student	0.29	0.46	0.58	0.17	0.12	0.29
% of Middle Science Credits (of all Science)	22%	32%	27%	10.00%	-5.00%	5.00%
% of Middle Science Credits (of all depts.)	1%	2%	3%	1.00%	1.00%	2.00%
# of Students taking Middle Science	22	26	28	4	2	6
% of Students taking Middle Science (of all students)	35%	50%	56%	15%	6%	21%
Advanced Level Science						
Average Advanced Science Credits per Student	0.1	0.09	0.38	-0.01	0.29	0.28

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% Adv. Science Credits (of all Science)	8%	6%	18%	-2.00%	12.00%	10.00%
% of Adv. Science Credits (of all depts.)	0.5%	0.4%	2%	-0.10%	1.60%	1.50%
# of Students taking Advanced Science	6	6	17	0	11	11
% of Students taking Advanced Science (of all students)	10%	12%	34%	2%	22%	24%
Vocational						
Average Vocational Credits Per Student	3.80	4.03	3.44	0.23	-0.59	-0.36
Average Credits (all departments)	19.47	20.44	21.65	0.97	1.21	2.18
% of Vocational Credits (of all depts.)	20%	20%	16%	0.00%	-4.00%	-4.00%
# of Students taking Vocational	59	49	50	-10	1	-9
# of Students (total sample)	63	52	50	-11	-2	-13
% of Students taking Vocational (of all students)	94%	94%	100%	0%	6%	6%
Basic Level Vocational						
Average Basic Voc. Credits per Student	3.36	3.57	3.07	0.21	-0.50	-0.29
% Basic Vocational Credits (of all Voc.)	88%	89%	89%	1.00%	0.00%	1.00%
% of Basic Voc. Credits (of all depts.)	17%	17%	14%	0.00%	-2.00%	-2.00%
# of Students taking Basic Vocational	59	49	50	-10	1	-9
% of Students taking Basic Vocational (of all students)	94%	94%	100%	0%	6%	6%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.35	0.42	0.29	0.07	-0.13	-0.06
% of Middle Voc. Credits (of all Voc.)	9%	10%	8%	1.00%	-2.00%	-1.00%
% of Middle Vocational Credits (of all depts.)	2%	2%	1%	0.00%	-1.00%	-1.00%
# of Students taking Middle Vocational	20	19	17	-1	-2	-3

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Middle Vocational (of all students)	32%	37%	34%	5%	-3%	2%
Advanced Level Vocational						
Average Advanced Voc. Credits per Student	0.1	0.04	0.08	-0.06	0.04	-0.02
% Adv. Vocational Credits (of all Voc.)	3%	1%	2%	-2.00%	1.00%	-1.00%
% of Adv. Vocational Credits (of all depts.)	0.5%	0.2%	0.4%	-0.30%	0.20%	-0.10%
# of Students taking Advanced Vocational	4	2	4	-2	2	0
% of Students taking Advanced Vocational (of all students)	6%	4%	8%	-2%	4%	2%
DISTRICT 2, CALIFORNIA						
Math						
Average Math Credits Per Student	2.41	2.79	2.64	0.38	-0.15	0.23
Average Credits (all departments)	22.27	22.42	22.58	0.15	0.16	0.31
% of Math Credits (of all depts.)	11%	12%	12%	1.00%	0.00%	1.00%
# of Students taking Math	36	26	31	-10	5	-5
# of Students (total sample)	36	26	31	-10	5	-5
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	0.6	0.85	0.46	0.25	-0.39	-0.14
% Basic Math Credits (of all Math)	25%	30%	17%	5.00%	-13.00%	-8.00%
% of Basic Math Credits (of all depts.)	3%	4%	2%	1.00%	-2.00%	-1.00%
# of Students taking Basic Math	15	18	14	3	-4	-1
% of Students taking Basic Math (of all students)	42%	69%	45%	27%	-24%	3%
Middle Level Math						
Average Middle Math Credits per Student	0.13	0.40	0.65	0.27	0.25	0.52

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Middle Math Credits (of all Math)	5%	14%	25%	9.00%	9.00%	20.00%
% of Middle Math Credits (of all depts.)	1%	2%	3%	1.00%	1.00%	2.00%
# of Students taking Middle Math	5	14	22	9	8	17
% of Students taking Middle Math (of all students)	14%	54%	71%	40%	17%	57%
Advanced Level Math						
Average Advanced Math Credits per Student	1.69	1.46	1.54	-0.23	0.08	-0.15
% Adv. Math Credits (of all Math)	70%	52%	58%	-18.00%	6.00%	-12.00%
% of Adv. Math Credits (of all depts.)	7.6%	6.5%	6.8%	-1.10%	0.30%	-0.80%
# of Students taking Advanced Math	31	22	29	-9	7	-2
% of Students taking Advanced Math (of all students)	86%	85%	94%	-1%	9%	8%
Science						
Average Science Credits Per Student	1.26	1.33	2.20	0.07	0.87	0.94
Average Credits (all departments)	22.27	22.42	22.58	0.15	0.16	0.31
% of Science Credits (of all depts.)	6%	6%	10%	0.00%	4.00%	4.00%
# of Students taking Science	35	26	31	-9	5	-4
# of Students (total sample)	36	26	31	-10	5	-5
% of Students taking Science (of all students)	97%	100%	100%	3%	0%	3%
Basic Level Science						
Average Basic Science Credits per Student	0.43	0.49	1.15	0.06	0.66	0.72
% Basic Science Credits (of all Science)	34%	37%	52%	3.00%	15.00%	18.00%
% of Basic Science Credits (of all depts.)	2%	2%	5%	0.00%	3.00%	3.00%
# of Students taking Basic Science	18	14	29	-4	15	11
% of Students taking Basic Science (of all students)	50%	54%	94%	4%	40%	44%

Table E1.5 (cont.)

BY DISTRICT Math, Science and Vocational Courses	Average Credits 1982	1985	1988	Change in Average Credits 1982-1985	1985-1988	1982-1988
Middle Level Science						
Average Middle Science Credits per Student	0.74	0.65	0.76	-0.09	0.11	0.02
% of Middle Science Credits (of all Science)	59%	49%	35%	-10.00%	-14.00%	-24.00%
% of Middle Science Credits (of all depts.)	3%	3%	3%	0.00%	0.00%	0.00%
# of Students taking Middle Science	24	16	23	-8	7	-1
% of Students taking Middle Science (of all students)	67%	62%	74%	-5%	12%	7%
Advanced Level Science						
Average Advanced Science Credits per Student	0.08	0.18	0.29	0.10	0.11	0.21
% Adv. Science Credits (of all Science)	6%	14%	13%	8.00%	-1.00%	7.00%
% of Adv. Science Credits (of all depts.)	0.4%	0.8%	3%	0.40%	2.20%	2.60%
# of Students taking Advanced Science	5	5	13	0	8	8
% of Students taking Advanced Science (of all students)	14%	19%	42%	5%	23%	28%
Vocational						
Average Vocational Credits Per Student	4.60	4.51	4.23	-0.09	-0.28	-0.37
Average Credits (all departments)	22.27	22.42	22.58	0.15	0.16	0.31
% of Vocational Credits (of all depts.)	21%	20%	19%	-1.00%	-1.00%	-2.00%
# of Students taking Vocational	36	26	31	-10	5	-5
# of Students (total sample)	36	26	31	-10	5	-5
% of Students taking Vocational (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Vocational						
Average Basic Vocational Credits per Student	4.15	3.95	3.56	-0.20	-0.39	-0.59
% Basic Vocational Credits (of all Voc.)	90%	88%	84%	-2.00%	4.00%	-6.00%
% of Basic Voc. Credits (of all depts.)	19%	18%	16%	-1.00%	-2.00%	-3.00%

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Basic Vocational	36	26	31	-10	5	-5
% of Students taking Basic Vocational (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.35	0.50	0.66	0.15	0.16	0.31
% of Middle Voc. Credits (of all Voc.)	8%	11%	16%	3.00%	5.00%	8.00%
% of Middle Vocational Credits (of all depts.)	2%	2%	3%	0.00%	1.00%	1.00%
# of Students taking Middle Vocational	10	16	21	6	5	11
% of Students taking Middle Vocational (of all students)	28%	62%	68%	34%	6%	40%
Advanced Level Vocational						
Average Advanced Vocational Credits per Student	0.11	0.06	0.02	-0.05	-0.04	-0.09
% Adv. Vocational Credits (of all Voc.)	2%	1%	0.5%	-1.00%	-0.50%	-1.50%
% of Adv. Vocational Credits (of all depts.)	0.5%	0.3%	0.1%	-0.20%	-0.20%	-0.40%
# of Students taking Advanced Vocational	5	2	1	-3	-1	-4
% of Students taking Advanced Vocational (of all students)	14%	8%	3%	-6%	-5%	-11%
DISTRICT 3, CALIFORNIA						
Math						
Average Math Credits Per Student	3.75	4.13	3.70	0.38	-0.43	-0.05
Average Credits (all departments)	24.83	25.82	23.55	0.99	-2.27	-1.28
% of Math Credits (of all depts.)	15%	16%	16%	1.00%	0.00%	1.00%
# of Students taking Math	28	27	25	-1	-2	-3
# of Students (total sample)	28	27	25	-1	-2	-3

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	1.56	1.02	0.32	-0.54	-0.70	-1.24
% Basic Math Credits (of all Math)	42%	25%	9%	-17.00%	-16.00%	-33.00%
% of Basic Math Credits (of all depts.)	6%	4%	1%	-2.00%	-3.00%	-5.00%
# of Students taking Basic Math	26	17	7	-9	-10	-19
% of Students taking Basic Math (of all students)	93%	63%	28%	-30%	-35%	-65%
Middle Level Math						
Average Middle Math Credits per Student	1.07	1.34	1.60	0.27	0.26	0.53
% of Middle Math Credits (of all Math)	29%	32%	43%	3.00%	11.00%	14.00%
% of Middle Math Credits (of all depts.)	4%	5%	7%	1.00%	2.00%	3.00%
# of Students taking Middle Math	23	25	24	2	-1	1
% of Students taking Middle Math (of all students)	82%	93%	96%	11%	3%	14%
Advanced Level Math						
Average Advanced Math Credits per Student	1.05	1.78	1.74	0.73	-0.04	0.69
% Adv. Math Credits (of all Math)	28%	43%	47%	15.00%	4.00%	19.00%
% of Adv. Math Credits (of all depts.)	4.2%	6.9%	7.4%	2.70%	0.50%	3.20%
# of Students taking Advanced Math	20	22	17	2	-5	-3
% of Students taking Advanced Math (of all students)	71%	81%	68%	10%	-13%	-3%
Science						
Average Science Credits Per Student	1.93	2.15	2.64	0.22	0.49	0.71
Average Credits (all departments)	24.83	25.82	23.55	0.99	-2.27	-1.28
% of Science Credits (of all depts.)	8%	8%	11%	0.00%	3.00%	3.00%

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Science	28	27	25	-1	-2	-3
# of Students (total sample)	28	27	25	-1	-2	-3
% of Students taking Science (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Science						
Average Basic Science Credits per Student	0.48	0.28	1.40	-0.20	1.12	0.92
% Basic Science Credits (of all Science)	25%	13%	53%	-12.00%	40.00%	28.00%
% of Basic Science Credits (of all depts.)	2%	1%	6%	-1.00%	5.00%	4.00%
# of Students taking Basic Science	15	9	24	-6	15	9
% of Students taking Basic Science (of all students)	54%	33%	96%	-21%	63%	42%
Middle Level Science						
Average Middle Science Credits per Student	1.21	1.63	0.88	0.42	-0.75	-0.33
% of Middle Science Credits (of all Science)	63%	76%	33%	13.00%	-43.00%	-30.00%
% of Middle Science Credits (of all depts.)	5%	6%	4%	1.00%	-2.00%	-1.00%
# of Students taking Middle Science	20	25	20	5	-5	0
% of Students taking Middle Science (of all students)	71%	93%	80%	22%	-13%	9%
Advanced Level Science						
Average Advanced Science Credits per Student	0.22	0.24	0.22	0.02	-0.02	0.00
% Adv. Science Credits (of all Science)	11%	11%	8%	0.00%	-3.00%	-3.00%
% of Adv. Science Credits (of all depts.)	5%	6%	1%	1.00%	-5.00%	-4.00%
# of Students taking Advanced Science	6	7	7	1	0	1
% of Students taking Advanced Science (of all students)	21%	26%	28%	5%	2%	7%
Vocational						
Average Vocational Credits Per Student	4.63	4.11	2.53	-0.52	-1.58	-2.10

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Average Credits (all departments)	24.83	25.82	23.55	0.99	-2.27	-1.28
% of Vocational Credits (of all depts.)	19%	16%	11%	-3.00%	-5.00%	-8.00%
# of Students taking Vocational	28	26	25	-2	-1	-3
# of Students (total sample)	28	27	25	-1	-2	-3
% of Students taking Vocational (of all students)	100%	96%	100%	-4%	4%	0%
Basic Level Vocational						
Average Basic Vocational Credits per Student	4.02	3.57	2.53	-0.45	-1.04	-1.49
% Basic Vocational Credits (of all Voc.)	87%	87%	100%	0.00%	13.00%	13.00%
% of Basic Vocational Credits (of all depts.)	16%	14%	11%	-2.00%	-3.00%	-5.00%
# of Students taking Basic Vocational	28	26	25	-2	-1	-3
% of Students taking Basic Vocational (of all students)	100%	96%	100%	-4%	4%	0%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.46	0.54	0.00	0.08	-0.54	-0.46
% of Middle Voc. Credits (of all Voc.)	10%	13%	0%	3.00%	-13.00%	-10.00%
% of Middle Voc. Credits (of all depts.)	2%	2%	0%	0.00%	-2.00%	-2.00%
# of Students taking Middle Vocational	9	11	0	2	-11	9
% of Students taking Middle Vocational (of all students)	32%	41%	0%	9%	-41%	-32%
Advanced Level Vocational						
Average Advanced Vocational Credits per Student	0.14	0.00	0.00	-0.14	0.00	-0.14
% Adv. Vocational Credits (of all Voc.)	3%	0%	0%	-3.00%	0.00%	-3.00%
% of Adv. Vocational Credits (of all depts.)	0.6%	0%	0%	-0.60%	0.00%	-0.60%
# of Students taking Advanced Vocational	3	0	0	-3	0	-3

Table E1.5 (cont.)

BY DISTRICT Math, Science and Vocational Courses	Average Credits 1982	1985	1988	Change in Average Credits 1982-1985	1985-1988	1982-1988
% of Students taking Advanced Vocational (of all students)	11%	0%	0%	-11%	0%	-11%
DISTRICT 4, FLORIDA						
Math						
Average Math Credits Per Student	3.19	3.64	3.70	0.45	0.06	0.51
Average Credits (all departments)	22.09	23.52	24.47	1.43	0.95	2.38
% of Math Credits (of all depts.)	14%	15%	15%	1.00%	0.00%	1.00%
# of Students taking Math	53	52	51	-1	-1	-2
# of Students (total sample)	53	52	51	-1	-1	-2
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	0.90	0.96	0.50	0.06	-0.46	-0.40
% Basic Math Credits (of all Math)	28%	26%	14%	-2.00%	-12.00%	-14.00%
% of Basic Math Credits (of all depts.)	4%	4%	2%	0.00%	-2.00%	-2.00%
# of Students taking Basic Math	38	36	20	-2	-16	-18
% of Students taking Basic Math (of all students)	72%	69%	39%	-3%	-30%	-33%
Middle Level Math						
Average Middle Math Credits per Student	1.21	1.03	1.36	-0.18	0.33	0.15
% of Middle Math Credits (of all Math)	38%	28%	37%	-10.00%	9.00%	-1.00%
% of Middle Math Credits (of all depts.)	5%	4%	6%	-1.00%	2.00%	1.00%
# of Students taking Middle Math	44	38	36	-6	-2	-8
% of Students taking Middle Math (of all students)	83%	73%	71%	-10%	-2%	-12%

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Advanced Level Math						
Average Advanced Math Credits per Student	1.07	1.64	1.74	0.57	0.10	0.67
% Adv. Math Credits (of all Math)	34%	45%	47%	11.00%	2.00%	13.00%
% of Adv. Math Credits (of all depts.)	4.8%	7.0%	7.1%	2.20%	0.10%	2.30%
# of Students taking Advanced Math	29	38	33	9	-5	4
% of Students taking Advanced Math (of all students)	55%	73%	65%	18%	-8%	10%
Science						
Average Science Credits Per Student	2.06	2.91	3.24	0.85	0.33	1.18
Average Credits (all departments)	22.09	23.52	24.47	1.43	0.95	2.38
% of Science Credits (of all depts.)	9%	12%	13%	3.00%	1.00%	4.00%
# of Students taking Science	52	52	51	0	-1	-1
# of Students (total sample)	53	52	51	-1	-1	-2
% of Students taking Science (of all students)	98%	100%	100%	2%	0%	2%
Basic Level Science						
Average Basic Science Credits per Student	1.35	1.83	2.09	0.48	0.26	0.74
% Basic Science Credits (of all Science)	66%	63%	65%	-3.00%	2.00%	-1.00%
% of Basic Science Credits (of all depts.)	6%	8%	9%	2.00%	1.00%	3.00%
# of Students taking Basic Science	49	47	46	-2	-1	-3
% of Students taking Basic Science (of all students)	92%	90%	90%	-2%	0%	-2%
Middle Level Science						
Average Middle Science Credits per Student	0.15	0.29	0.23	0.14	-0.06	0.08
% of Middle Science Credits (of all Science)	7%	10%	7%	3.00%	-3.00%	0.00%
% of Middle Science Credits (of all depts.)	0.7%	1%	0.9%	0.30%	-0.10%	0.20%

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Middle Science	9	17	12	8	-5	3
% of Students taking Middle Science (of all students)	17%	33%	24%	16%	-9%	7%
Advanced Level Science						
Average Advanced Science Credits per Student	0.56	0.79	0.92	0.23	0.13	0.36
% Adv. Science Credits (of all Science)	27%	27%	28%	0.00%	1.00%	1.00%
% of Adv. Science Credits (of all depts.)	3%	3%	4%	0.00%	1.00%	1.00%
# of Students taking Advanced Science	24	30	25	6	-5	1
% of Students taking Advanced Science (of all students)	45%	58%	49%	13%	-9%	4%
Vocational						
Average Vocational Credits Per Student	4.43	5.00	4.56	0.57	-0.44	0.13
Average Credits (all departments)	22.09	23.52	24.47	1.43	0.95	2.38
% of Vocational Credits (of all depts.)	20%	21%	19%	1.00%	-2.00%	-1.00%
# of Students taking Vocational	52	52	51	0	-1	-1
# of Students (total sample)	53	52	51	-1	-1	-2
% of Students taking Vocational (of all students)	98%	100%	100%	2%	0%	2%
Basic Level Vocational						
Average Basic Voc. Credits per Student	4.04	4.59	4.22	0.55	-0.37	0.18
% Basic Voc. Credits (of all Voc.)	91%	92%	93%	1.00%	1.00%	2.00%
% of Basic Vocational Credits (of all depts.)	18%	20%	17%	2.00%	-3.00%	-1.00%
# of Students taking Basic Vocational	51	52	51	1	-1	0
% of Students taking Basic Vocational (of all students)	96%	100%	100%	4%	0%	4%

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.36	0.39	0.26	0.03	-0.13	-0.10
% of Middle Voc. Credits (of all Voc.)	8%	8%	6%	0.00%	-2.00%	-2.00%
% of Middle Vocational Credits (of all depts.)	2%	2%	1%	0.00%	-1.00%	-1.00%
# of Students taking Middle Vocational	20	14	18	-6	4	-2
% of Students taking Middle Vocational (of all students)	38%	27%	35%	-11%	8%	-3%
Advanced Level Vocational						
Average Advanced Vocational Credits per Student	0.02	0.01	0.09	-0.01	0.08	0.07
% Adv. Vocational Credits (of all Vocational)	0.5%	0.2%	2%	-0.30%	1.80%	1.50%
% of Adv. Vocational Credits (of all depts.)	0%	0%	0.4%	-0.1%	0.4%	0.3%
# of Students taking Advanced Vocational	1	1	3	0	2	2
% of Students taking Advanced Vocational (of all students)	2%	2%	6%	0%	4%	4%
DISTRICT 5, FLORIDA						
Math						
Average Math Credits Per Student	3.62	4.69	3.75	1.07	-0.94	0.13
Average Credits (all departments)	21.87	24.48	26.63	2.61	2.15	4.76
% of Math Credits (of all depts.)	17%	19%	14%	2.00%	-5.00%	-3.00%
# of Students taking Math	50	50	50	0	0	0
# of Students (total sample)	50	50	50	0	0	0
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Basic Level Math						
Average Basic Math Credits per Student	2.04	2.17	1.42	0.13	-0.75	-0.62
% Basic Math Credits (of all Math)	56%	46%	38%	-10.00%	-8.00%	-18.00%
% of Basic Math Credits (of all depts.)	9%	9%	5%	0.00%	-4.00%	-4.00%
# of Students taking Basic Math	42	41	38	-1	-3	-4
% of Students taking Basic Math (of all students)	84%	82%	76%	-2%	-6%	-8%
Middle Level Math						
Average Middle Math Credits per Student	0.38	0.79	0.64	0.41	-0.15	0.26
% of Middle Math Credits (of all Math)	10%	17%	17%	7.00%	0.00%	7.00%
% of Middle Math Credits (of all depts.)	2%	3%	2%	1.00%	-1.00%	0.00%
# of Students taking Middle Math	20	34	26	14	-8	6
% of Students taking Middle Math (of all students)	40%	68%	52%	28%	-16%	12%
Advanced Level Math						
Average Advanced Math Credits per Student	1.18	1.69	1.59	0.51	-0.10	0.41
% Adv. Math Credits (of all Math)	33%	36%	42%	3.00%	6.00%	9.00%
% of Adv. Math Credits (of all depts.)	5.4%	6.9%	6.0%	1.50%	-0.90%	0.40%
# of Students taking Advanced Math	28	27	29	-1	2	1
% of Students taking Advanced Math (of all students)	56%	54%	58%	-2%	4%	2%
Science						
Average Science Credits Per Student	2.28	3.69	3.29	1.41	-0.40	1.01
Average Credits (all departments)	21.87	24.48	26.63	2.61	2.15	4.76
% of Science Credits (of all depts.)	10%	15%	12%	5.00%	-3.00%	2.00%
# of Students taking Science	50	50	50	0	0	0

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students (total sample)	50	50	50	0	0	0
% of Students taking Science (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Science						
Average Basic Science Credits per Student	1.13	1.76	1.76	0.63	0.00	0.63
% Basic Science Credits (of all Science)	50%	48%	53%	-2.00%	6.00%	4.00%
% of Basic Science Credits (of all depts.)	5%	7%	7%	2.00%	0.00%	2.00%
# of Students taking Basic Science	45	49	49	4	0	4
% of Students taking Basic Science (of all students)	90%	98%	98%	8%	0%	8%
Middle Level Science						
Average Middle Science Credits per Student	1.15	1.61	1.35	0.46	-0.26	0.20
% of Middle Science Credits (of all Science)	50%	44%	41%	-6.00%	-3.00%	-9.00%
% of Middle Science Credits (of all depts.)	5%	7%	5%	2.00%	-2.00%	0.00%
# of Students taking Middle Science	49	49	47	0	-2	-2
% of Students taking Middle Science (of all students)	98%	98%	94%	0%	-4%	-4%
Advanced Level Science						
Average Advanced Science Credits per Student	0.00	0.28	0.14	0.28	-0.14	0.14
% Adv. Science Credits (of all Science)	0%	8%	4%	8.00%	-4.00%	4.00%
% of Adv. Science Credits (of all depts.)	0%	1%	.5%	11.00%	-6.00%	5.00%
# of Students taking Advanced Science	0	12	8	12	-4	8
% of Students taking Advanced Science (of all students)	0%	24%	16%	24%	-8%	16%
Vocational						
Average Vocational Credits Per Student	3.00	2.88	3.81	-0.12	0.93	0.81
Average Credits (all departments)	21.87	24.48	26.63	2.61	2.15	4.76

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Vocational Credits (of all depts.)	14%	12%	14%	-2.00%	2.00%	0.00%
# of Students taking Vocational	45	50	49	5	-1	4
# of Students (total sample)	50	50	50	0	0	0
% of Students taking Vocational (of all students)	90%	100%	98%	10%	-2%	8%
Basic Level Vocational						
Average Basic Vocational Credits per Student	2.76	2.54	3.21	-0.22	0.67	0.45
% Basic Vocational Credits (of all Vocational)	92%	88%	84%	-4.00%	-4.00%	-8.00%
% of Basic Vocational Credits (of all depts.)	13%	10%	12%	-3.00%	2.00%	-1.00%
# of Students taking Basic Vocational	44	50	48	6	-2	4
% of Students taking Basic Vocational (of all students)	88%	100%	96%	12%	-4%	8%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.24	0.34	0.48	0.10	0.14	0.24
% of Middle Voc. Credits (of all Voc.)	8%	12%	13%	4.00%	1.00%	5.00%
% of Middle Vocational Credits (of all depts.)	1%	1%	2%	0.00%	1.00%	1.00%
# of Students taking Middle Vocational	6	15	28	9	13	22
% of Students taking Middle Vocational (of all students)	12%	30%	56%	18%	26%	44%
Advanced Level Vocational						
Average Advanced Voc. Credits per Student	0.00	0.00	0.09	0.00	0.09	0.09
% Adv. Voc. Credits (of all Voc.)	0%	0%	2%	0.00%	2.00%	2.00%
% of Adv. Vocational Credits (of all depts.)	0%	0%	0.3%	0.00%	0.30%	0.30%
# of Students taking Advanced Vocational	0	0	5	0	5	5

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Math, Science and Vocational Courses**	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Advanced Vocational (of all students)	0%	0%	10%	0%	10%	10%
DISTRICT 6, MISSOURI						
Math						
Average Math Credits Per Student	2.87	2.77	3.05	-0.10	0.28	0.18
Average Credits (all departments)	22.16	21.92	23.28	-0.24	1.36	1.12
% of Math Credits (of all depts.)	13%	13%	13%	0.00%	0.00%	0.00%
# of Students taking Math	48	51	52	3	1	4
# of Students (total sample)	48	51	52	3	1	4
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	0.46	0.42	0.13	-0.04	-0.29	-0.33
% Basic Math Credits (of all Math)	16%	15%	4%	-1.00%	-11.00%	-12.00%
% of Basic Math Credits (of all depts.)	2.1%	1.9%	0.6%	-0.20%	-1.3%	-1.5%
# of Students taking Basic Math	18	14	6	-4	-8	-12
% of Students taking Basic Math (of all students)	38%	27%	12%	-11%	-15%	-26%
Middle Level Math						
Average Middle Math Credits per Student	0.68	0.63	0.77	-0.05	0.14	0.09
% of Middle Math Credits (of all Math)	24%	23%	25%	-1.00%	2.00%	1.00%
% of Middle Math Credits (of all depts.)	3%	3%	3%	0.00%	0.00%	0.00%
# of Students taking Middle Math	31	32	35	1	3	4
% of Students taking Middle Math (of all students)	65%	63%	67%	-3%	4%	1%

Table E1.5 (cont.)

		Average Credits		Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Advanced Level Math						
Average Advanced Math Credits per Student	1.73	1.65	2.05	-0.08	0.40	0.32
% Adv. Math Credits (of all Math)	60%	60%	67%	0.00%	7.00%	7.00%
% of Adv. Math Credits (of all depts.)	7.8%	7.5%	8.8%	-0.30%	1.30%	1.00%
# of Students taking Advanced Math	38	28	44	-10	16	6
% of Students taking Advanced Math (of all students)	79%	55%	85%	-24%	30%	6%
Science						
Average Science Credits Per Student	1.50	1.64	2.72	0.14	1.08	1.22
Average Credits (all departments)	22.16	21.92	23.28	-0.24	1.36	1.12
% of Science Credits (of all depts.)	7%	7%	12%	1.00%	4.00%	5.00%
# of Students taking Science	47	51	52	4	1	5
# of Students (total sample)	48	51	52	3	1	4
% of Students taking Science (of all students)	98%	100%	100%	2%	0%	2%
Basic Level Science						
Average Basic Science Credits per Student	0.68	0.68	1.24	0.00	0.56	0.56
% Basic Science Credits (of all Science)	45%	41%	46%	-4.00%	5.00%	1.00%
% of Basic Science Credits (of all depts.)	3%	3%	5%	0.00%	2.00%	2.00%
# of Students taking Basic Science	31	31	47	0	16	16
% of Students taking Basic Science (of all students)	65%	61%	90%	-4%	29%	25%
Middle Level Science						
Average Middle Science Credits per Student	0.73	0.78	1.11	0.05	0.33	0.38
% of Middle Science Credits (of all Science)	49%	48%	41%	-1.00%	-7.00%	-8.00%
% of Middle Science Credits (of all depts.)	3%	4%	5%	1.00%	1.00%	2.00%

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Middle Science	29	34	40	5	6	11
% of Students taking Middle Science (of all students)	60%	67%	77%	7%	10%	17%
Advanced Level Science						
Average Advanced Science Credits per Student	0.09	0.19	0.33	0.10	0.14	0.24
% Adv. Science Credits (of all Science)	6%	12%	12%	6.00%	0.00%	6.00%
% of Adv. Science Credits (of all depts.)	0.4%	1%	1%	0.60%	0.00%	0.60%
# of Students taking Advanced Science	4	11	14	7	3	10
% of Students taking Advanced Science (of all students)	8%	22%	27%	14%	5%	19%
Vocational						
Average Vocational Credits Per Student	4.29	4.84	4.85	0.55	0.01	0.56
Average Credits (all departments)	22.16	21.92	23.28	-0.24	1.36	1.12
% of Vocational Credits (of all depts.)	19%	22%	21%	3.00%	-1.00%	2.00%
# of Students taking Vocational	48	50	52	2	2	4
# of Students (total sample)	48	51	52	3	1	4
% of Students taking Vocational (of all students)	100%	98%	100%	-2%	2%	0%
Basic Level Vocational						
Average Basic Voc. Credits per Student	3.81	4.18	4.08	0.37	-0.10	0.27
% Basic Vocational Credits (of all Voc.)	89%	86%	84%	-3.00%	-2.00%	-5.00%
% of Basic Vocational Credits (of all depts.)	17%	19%	18%	2.00%	-1.00%	1.00%
# of Students taking Basic Vocational	48	50	52	2	2	4
% of Students taking Basic Vocational (of all students)	100%	98%	100%	-2%	2%	0%

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.19	0.58	0.58	0.39	0.00	0.39
% of Middle Vocational Credits (of all Voc.)	4%	12%	12%	8.00%	0.00%	8.00%
% of Middle Vocational Credits (of all depts.)	1%	3%	2%	2.00%	-1.00%	1.00%
# of Students taking Middle Vocational	11	19	27	8	8	16
% of Students taking Middle Vocational (of all students)	23%	37%	52%	14%	15%	29%
Advanced Level Vocational						
Average Advanced Vocational Credits per Student	0.29	0.09	0.08	-0.20	-0.01	-0.21
% Adv. Vocational Credits (of all Vocational)	7%	2%	2%	-5.00%	0.00%	-5.00%
% of Adv. Vocational Credits (of all depts.)	1%	0.4%	0.3%	-0.60%	-0.10%	-0.70%
# of Students taking Advanced Vocational	7	3	4	-4	1	-3
% of Students taking Advanced Vocational (of all students)	15%	6%	8%	-9%	2%	-7%
DISTRICT 7, MISSOURI						
Math						
Average Math Credits Per Student	2.52	2.56	3.06	0.04	0.50	0.54
Average Credits (all departments)	21.02	20.48	22.08	-0.54	1.60	1.06
% of Math Credits (of all depts.)	12%	13%	14%	1.00%	1.00%	2.00%
# of Students taking Math	55	52	50	-3	-2	-5
# of Students (total sample)	55	53	50	-2	-3	-5
% of Students taking Math (of all students)	100%	98%	100%	-2%	2%	0%

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Basic Level Math						
Average Basic Math Credits per Student	1.19	1.19	1.19	0.00	0.00	0.00
% Basic Math Credits (of all Math)	47%	46%	39%	-1.00%	-7.00%	-8.00%
% of Basic Math Credits (of all depts.)	6%	6%	5%	0.00%	-1.00%	-1.00%
# of Students taking Basic Math	42	39	33	-3	-6	-9
% of Students taking Basic Math (of all students)	76%	74%	66%	-2%	-8%	-10%
Middle Level Math						
Average Middle Math Credits per Student	0.44	0.51	0.78	0.07	0.27	0.34
% of Middle Math Credits (of all Math)	17%	20%	25%	3.00%	5.00%	8.00%
% of Middle Math Credits (of all depts.)	2%	2%	4%	0.00%	1.00%	2.00%
# of Students taking Middle Math	26	28	30	2	2	4
% of Students taking Middle Math (of all students)	47%	53%	60%	6%	7%	13%
Advanced Level Math						
Average Advanced Math Credits per Student	0.90	0.86	1.09	-0.04	0.23	0.19
% Adv. Math Credits (of all Math)	36%	34%	36%	-2.00%	2.00%	0.00%
% of Adv. Math Credits (of all depts.)	4.3%	4.2%	4.9%	-0.10%	0.70%	0.60%
# of Students taking Advanced Math	27	29	32	2	3	5
% of Students taking Advanced Math (of all students)	49%	55%	64%	6%	9%	15%
Science						
Average Science Credits Per Student	2.13	2.28	3.00	0.15	0.72	0.87
Average Credits (all departments)	21.02	20.48	22.08	-0.54	1.60	1.06
% of Science Credits (of all depts.)	10%	11%	14%	1.00%	3.00%	4.00%
# of Students taking Science	55	53	50	-2	-3	-5

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students (total sample)	55	53	50	-2	-3	-5
% of Students taking Science (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Science						
Average Basic Science Credits per Student	1.51	1.54	1.97	0.03	0.43	0.46
% Basic Science Credits (of all Science)	71%	68%	66%	-3.00%	-2.00%	-5.00%
% of Basic Science Credits (of all depts.)	7%	8%	9%	1.00%	1.00%	2.00%
# of Students taking Basic Science	55	52	50	-3	-2	-5
% of Students taking Basic Science (of all students)	100%	98%	100%	-2%	2%	0%
Middle Level Science						
Average Middle Science Credits per Student	0.09	0.22	0.22	0.13	0.00	0.13
% of Middle Science Credits (of all Science)	4%	10%	7%	6.00%	-3.00%	3.00%
% of Middle Science Credits (of all depts.)	0.4%	1%	1%	0.60%	0.00%	0.60%
# of Students taking Middle Science	5	8	12	3	4	7
% of Students taking Middle Science (of all students)	9%	15%	24%	6%	9%	15%
Advanced Level Science						
Average Advanced Science Credits per Student	0.53	0.53	0.81	0.00	0.28	0.28
% Adv. Science Credits (of all Science)	25%	23%	27%	-2.00%	4.00%	2.00%
% of Adv. Science Credits (of all depts.)	3%	3%	4%	0.00%	1.00%	1.00%
# of Students taking Advanced Science	31	29	35	-2	6	4
% of Students taking Advanced Science (of all students)	56%	55%	70%	-1%	15%	14%
Vocational						
Average Vocational Credits Per Student	5.12	4.68	4.58	-0.44	-0.10	-0.54
Average Credits (all departments)	21.02	20.48	22.08	-0.54	1.60	1.06

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Vocational Credits (of all depts.)	24%	23%	21%	-1.00%	-2.00%	-3.00%
# of Students taking Vocational	55	53	50	-2	-3	-5
# of Students (total sample)	55	53	50	-2	-3	-5
% of Students taking Vocational (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Vocational						
Average Basic Voc. Credits per Student	4.66	4.12	4.07	-0.54	-0.05	-0.59
% Basic Vocational Credits (of all Voc.)	91%	88%	89%	-3.00%	1.00%	-2.00%
% of Basic Vocational Credits (of all depts.)	22%	20%	18%	-2.00%	-2.00%	-4.00%
# of Students taking Basic Vocational	55	53	50	-2	-3	-5
% of Students taking Basic Vocational (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.42	0.51	0.44	0.09	-0.07	0.02
% of Middle Vocational Credits (of all Voc.)	8%	11%	10%	3.00%	-1.00%	2.00%
% of Middle Vocational Credits (of all depts.)	2%	2%	2%	0.00%	0.00%	0.00%
# of Students taking Middle Vocational	24	27	26	3	-1	2
% of Students taking Middle Vocational (of all students)	44%	51%	52%	7%	1%	8%
Advanced Level Vocational						
Average Advanced Vocational Credits per Student	0.04	0.05	0.07	0.01	0.02	0.03
% Adv. Vocational Credits (of all Voc.)	1%	1%	2%	0.00%	1.00%	1.00%
% of Adv. Vocational Credits (of all depts.)	0.2%	0.2%	0.3%	0.00%	0.10%	0.10%
# of Students taking Advanced Vocational	2	2	2	0	0	0

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Advanced Vocational (of all students)	4%	4%	4%	0%	0%	0%
DISTRICT 8, PENNSYLVANIA						
Math						
Average Math Credits Per Student	2.36	3.22	3.63	0.86	0.41	1.27
Average Credits (all departments)	19.75	23.75	27.77	4.00	4.02	8.02
% of Math Credits (of all depts.)	12%	14%	13%	2.00%	-1.00%	1.00%
# of Students taking Math	50	56	51	6	-5	1
# of Students (total sample)	50	56	51	6	-5	1
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	1.26	1.09	1.31	-0.17	0.22	0.05
% Basic Math Credits (of all Math)	53%	34%	36%	-19.00%	2.00%	-17.00%
% of Basic Math Credits (of all depts.)	6%	5%	5%	-1.00%	0.00%	-1.00%
# of Students taking Basic Math	36	36	32	0	-4	-4
% of Students taking Basic Math (of all students)	72%	64%	63%	-8%	-1%	-9%
Middle Level Math						
Average Middle Math Credits per Student	0.10	0.50	0.43	0.40	-0.07	0.33
% of Middle Math Credits (of all Math)	4%	16%	12%	12.00%	-4.00%	8.00%
% of Middle Math Credits (of all depts.)	1%	2%	2%	1.00%	0.00%	1.00%
# of Students taking Middle Math	5	28	20	23	-8	15
% of Students taking Middle Math (of all students)	10%	50%	39%	40%	-11%	29%

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Advanced Level Math						
Average Advanced Math Credits per Student	1.00	1.6	1.88	0.60	0.28	0.88
% Adv. Math Credits (of all Math)	42%	50%	52%	8.00%	2.00%	10.00%
% of Adv. Math Credits (of all depts.)	5.1%	6.7%	6.8%	1.60%	0.10%	1.70%
# of Students taking Advanced Math	24	40	39	16	-1	15
% of Students taking Advanced Math (of all students)	48%	71%	76%	23%	5%	28%
Science						
Average Science Credits Per Student	2.76	3.21	3.61	0.45	0.40	0.85
Average Credits (all departments)	19.75	23.75	27.77	4.00	4.02	8.02
% of Science Credits (of all depts.)	14%	14%	13%	0.00%	-1.00%	-1.00%
# of Students taking Science	50	56	51	6	-5	1
# of Students (total sample)	50	56	51	6	-5	1
% of Students taking Science (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Science						
Average Basic Science Credits per Student	1.04	1.22	1.04	0.18	-0.18	0.00
% Basic Science Credits (of all Science)	38%	38%	29%	0.00%	-9.00%	-9.00%
% of Basic Science Credits (of all depts.)	5.3%	5.1%	3.7%	-0.20%	-1.40%	-1.60%
# of Students taking Basic Science	50	55	51	5	-4	1
% of Students taking Basic Science (of all students)	100%	98%	100%	-2%	2%	0%
Middle Level Science						
Average Middle Science Credits per Student	1.12	1.05	1.73	-0.07	0.68	0.61
% of Middle Science Credits (of all Science)	41%	33%	48%	-8.00%	15.00%	7.00%
% of Middle Science Credits (of all depts.)	5.7%	4.4%	6.2%	-1.30%	1.80%	0.50%

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Middle Science	47	43	49	-4	6	2
% of Students taking Middle Science (of all students)	94%	77%	96%	-17%	19%	2%
Advanced Level Science						
Average Advanced Science Credits per Student	0.60	0.91	0.84	0.31	-0.07	0.24
% Adv. Science Credits (of all Science)	22%	28%	23%	6.00%	-5.00%	1.00%
% of Adv. Science Credits (of all depts.)	3.0%	3.8%	3.0%	0.80%	-0.80%	0.00%
# of Students taking Advanced Science	23	39	35	16	-4	12
% of Students taking Advanced Science (of all students)	46%	70%	69	24%	-1%	23%
Vocational						
Average Vocational Credits Per Student	3.20	4.13	4.89	0.93	0.76	1.69
Average Credits (all departments)	19.75	23.75	27.77	4.00	4.02	8.02
% of Vocational Credits (of all depts.)	16%	17%	18%	1.00%	1.00%	2.00%
# of Students taking Vocational	47	55	51	8	-4	4
# of Students (total sample)	50	56	51	6	-5	1
% of Students taking Vocational (of all students)	94%	98%	100%	4%	2%	6%
Basic Level Vocational						
Average Basic Vocational Credits per Student	2.88	3.50	4.04	0.62	0.54	1.16
% Basic Vocational Credits (of all Voc.)	90%	85%	83%	-5.00%	-2.00%	-7.00%
% of Basic Voc. Credits (of all depts.)	15%	15%	15%	0.00%	0.00%	0.00%
# of Students taking Basic Vocational	47	55	51	8	-4	4
% of Students taking Basic Vocational (of all students)	94%	98%	100%	4%	2%	6%

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Math, Science and Vocational Courses**	1982	1985	1988	1982-1985	1985-1988	1982-1988
Middle Level Vocational						
Average Middle Voc. Credits per Student	0.32	0.59	0.80	0.27	0.21	0.48
% of Middle Vocational Credits (of all Voc.)	10%	14%	16%	4.00%	2.00%	6.00%
% of Middle Voc. Credits (of all depts.)	1.6%	2.5%	2.9%	0.90%	0.40%	1.30%
# of Students taking Middle Vocational	14	26	32	12	6	18
% of Students taking Middle Vocational (of all students)	28%	46%	63%	18%	17%	35%
Advanced Level Vocational						
Average Advanced Voc. Credits per Student	0.00	0.05	0.05	0.05	0.00	0.05
% Adv. Vocational Credits (of all Voc.)	0%	1%	1%	1.00%	0.00%	1.00%
% of Adv. Vocational Credits (of all depts.)	0%	0.2%	0.2%	0.20%	0.00%	0.20%
# of Students taking Advanced Vocational	0	3	3	3	0	3
% of Students taking Advanced Vocational (of all students)	0%	5.4%	5.9%	5.4%	0.5%	5.9%
DISTRICT 9, PENNSYLVANIA						
Math						
Average Math Credits Per Student	2.73	2.55	2.65	-0.18	0.10	-0.08
Average Credits (all departments)	21.29	21.03	21.87	-0.26	0.84	0.58
% of Math Credits (of all depts.)	13%	12%	12%	-1.00%	0.00%	-1.00%
# of Students taking Math	49	53	48	4	-5	-1
# of Students (total sample)	49	53	48	4	-5	-1
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	1.52	1.82	1.19	0.30	-0.63	-0.33
% Basic Math Credits (of all Math)	56%	71%	45%	15.00%	-26.00%	-11.00%

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Basic Math Credits (of all depts.)	7.1%	8.6%	5.4%	1.50%	-3.20%	-1.70%
# of Students taking Basic Math	49	52	37	3	-15	-12
% of Students taking Basic Math (of all students)	100%	98%	77%	-2%	-21%	-23%
Middle Level Math						
Average Middle Math Credits per Student	0.06	0.00	0.08	-0.06	0.08	0.02
% of Middle Math Credits (of all Math)	2.2%	0%	3.0%	-2.20%	3.00%	0.80%
% of Middle Math Credits (of all depts.)	.29%	0%	.37%	-0.29%	0.37%	0.08%
# of Students taking Middle Math	2	0	5	-2	5	3
% of Students taking Middle Math (of all students)	4.1%	0%	10%	-4.1%	10%	5.9%
Advanced Level Math						
Average Advanced Math Credits per Student	1.15	0.72	1.38	-0.43	0.66	0.23
% Adv. Math Credits (of all Math)	42%	28%	52%	-14.00%	24.00%	10.00%
% of Adv. Math Credits (of all depts.)	5.4%	3.4%	6.3%	-2.00%	2.90%	0.90%
# of Students taking Advanced Math	30	23	35	-7	12	5
% of Students taking Advanced Math (of all students)	61%	43%	73%	-18%	30%	12%
Science						
Average Science Credits Per Student	1.47	1.42	2.12	-0.05	0.70	0.65
Average Credits (all departments)	21.29	21.03	21.87	-0.26	0.84	0.58
% of Science Credits (of all depts.)	6.9%	6.8%	9.7%	-0.20%	3.00%	2.80%
# of Students taking Science	49	53	48	4	-5	-1

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students (total sample)	49	53	48	4	-5	-1
% of Students taking Science (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Science						
Average Basic Science Credits per Student	0.51	0.56	1.06	0.05	0.50	0.55
% Basic Science Credits (of all Science)	35%	39%	50%	4.00%	11.00%	15.00%
% of Basic Science Credits (of all depts.)	2.4%	2.7%	4.8%	0.30%	2.10%	2.40%
# of Students taking Basic Science	24	25	42	1	17	18
% of Students taking Basic Science (of all students)	49%	47%	88%	-2%	41%	39%
Middle Level Science						
Average Middle Science Credits per Student	0.88	0.80	1.06	-0.08	0.26	0.18
% of Middle Science Credits (of all Science)	60%	56%	50%	-4.00%	-6.00%	-10.00%
% of Middle Science Credits (of all depts.)	4.1%	3.8%	4.8%	-0.30%	1.00%	0.70%
# of Students taking Middle Science	34	36	38	2	2	4
% of Students taking Middle Science (of all students)	69%	68%	79%	-1%	11%	10%
Advanced Level Science						
Average Advanced Science Credits per Student	0.08	0.06	0.00	-0.02	-0.06	-0.08
% Adv. Science Credits (of all Science)	5.4%	4.2%	0%	-1.20%	-4.20%	-5.40%
% of Adv. Science Credits (of all depts.)	.38%	.29%	0%	-0.09%	-0.29%	-0.38%
# of Students taking Advanced Science	4	2	0	-2	-2	-4
% of Students taking Advanced Science (of all students)	8.2%	3.8%	0%	-4.4%	-3.80%	-8.2%
Vocational						
Average Vocational Credits Per Student	4.61	4.63	4.75	0.02	0.12	0.14
Average Credits (all departments)	21.29	21.03	21.87	-0.26	0.84	0.58

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Vocational Credits (of all depts.)	22%	22%	22%	0.00%	0.00%	0.00%
# of Students taking Vocational	48	52	47	4	-5	-1
# of Students (total sample)	49	53	48	4	-5	-1
% of Students taking Vocational (of all students)	98%	98%	98%	0%	0%	0%
Basic Level Vocational						
Average Basic Vocational Credits per Student	3.95	3.83	4.08	-0.12	0.25	0.13
% Basic Vocational Credits (of all Voc.)	86%	83%	86%	-3.00%	3.00%	0.00%
% of Basic Vocational Credits (of all depts.)	19%	18%	19%	-1.00%	1.00%	0.00%
# of Students taking Basic Vocational	48	52	47	4	-5	-1
% of Students taking Basic Vocational (of all students)	98%	98%	98%	0%	0%	0%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.35	0.58	0.54	0.23	-0.04	0.19
% of Middle Voc. Credits (of all Voc.)	7.6%	13%	11%	5.40%	-2.00%	3.40%
% of Middle Vocational Credits (of all depts.)	1.6%	2.8%	2.5%	1.20%	-0.30%	0.90%
# of Students taking Middle Vocational	15	21	18	6	-3	3
% of Students taking Middle Vocational (of all students)	31%	40%	37.5%	9%	-2.5%	6.5%
Advanced Level Vocational						
Average Advanced Voc. Credits per Student	0.31	0.23	0.13	-0.08	-0.10	-0.18
% Adv. Vocational Credits (of all Vocational)	6.7%	5.0%	2.7%	-1.70%	-2.30%	-4.00%

Table E1.5 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Adv. Vocational Credits (of all depts.)	1.5%	1.1%	.59%	-0.40%	-0.51%	-0.91%
# of Students taking Advanced Vocational	11	8	4	-3	-4	-7
% of Students taking Advanced Vocational (of all students)	22%	15%	8.3%	-7%	-6.7%	-13.7%

TABLE E1.6

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
DISTRICT 1, CALIFORNIA						
Art						
Average Art Credits Per Student	1.21	1.18	1.69	-0.03	0.51	0.48
Average Credits (all departments)	19.47	20.44	21.65	0.97	1.21	2.18
% of Art Credits (of all depts.)	6.2%	5.7%	7.8%	-0.50%	2.10%	1.60%
# of Students taking Art	35	34	39	-1	5	4
# of Students (total sample)	63	52	50	-11	-2	-13
% of Students taking Art (of all students)	56%	65%	78%	9%	13%	22%
Basic Level Art						
Average Basic Art Credits Per Student	0.88	0.87	1.51	-0.01	0.64	0.63
% of Basic Art Credits (of all Art)	72%	74%	89%	2.00%	15.00%	17.00%
% of Basic Art Credits (of all depts.)	4.5%	4.2%	7.0%	-0.30%	2.80%	2.50%
# of Students taking Basic Art	34	29	38	-5	9	4
% of Students taking Basic Art (of all students)	54%	56%	76%	2%	20%	22%
Middle Level Art						
Average Middle Art Credits Per Student	0.30	0.31	0.18	0.01	-0.13	-0.12
% of Middle Art Credits (of all Art)	25%	26%	11%	1.00%	-15.00%	-14.00%
% of Middle Art Credits (of all Depts)	1.6%	1.5%	.83%	-0.10%	-0.67%	-0.77%
# of Students taking Middle Art	9	9	11	0	2	2
% of Students taking Middle Art (of all students)	14%	17%	22%	3%	5%	8%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.03	0.00	0.00	-0.03	0.00	-0.03
% of Advanced Art Credits (of all Art)	2.6%	0%	0%	-2.60%	0.00%	-2.60%
% of Advanced Art Credits (of all depts.)	.16%	0%	0%	-0.16%	0.00%	-0.16%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Advanced Art	2	0	0	-2	0	-2
% of Students taking Advanced Art (of all students)	3.2%	0%	0%	-3.2%	0%	-3.2%
English						
Average English Credits Per Student	3.02	3.78	3.87	0.76	0.09	0.85
Average Credits (all departments)	19.47	20.44	21.65	0.97	1.21	2.18
% of English Credits (of all depts.)	16%	18%	18%	2.00%	0.00%	2.00%
# of Students taking English	63	52	50	-11	-2	-13
# of Students (total sample)	63	52	50	-11	-2	-13
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	1.25	1.15	1.88	-0.10	0.73	0.63
% of Basic English Credits (of all Eng.)	41%	30%	49%	-11.00%	19.00%	8.00%
% of Basic English Credits (of all depts)	6.4%	5.6%	8.7%	-0.80%	3.10%	2.30%
# of Students taking Basic English	56	44	50	-12	6	-6
% of Students taking Basic English (of all students)	89%	85%	100%	-4%	15%	11%
Middle Level English						
Avg. Middle English Credits Per Student	0.89	1.19	1.12	0.30	-0.07	0.23
% of Middle English Credits (of all Eng.)	29%	32%	29%	3.00%	-3.00%	0.00%
% of Middle English Credits (of all depts)	4.6%	5.8%	5.2%	1.%20	-0.60%	0.60%
# of Students taking Middle English	52	43	48	-9	5	-4
% of Students taking Middle English (of all students)	83%	83%	96%	0%	13%	13%
Advanced Level English						
Average Adv. English Credits Per Student	0.9	1.44	0.87	0.54	-0.57	-0.03
% of Adv. English Credits (of all Eng.)	30%	38%	22%	8.00%	-16.00%	-8.00%
% of Adv. English Credits (of all depts.)	4.6%	7.0%	4.0%	2.40%	-3.00%	-0.60%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Advanced English	48	48	31	0	-17	-17
% of Students taking Advanced English (of all students)	76%	92%	62%	16%	-30%	-14%
Foreign Language						
Average F. Lang. Credits Per Student	0.82	0.94	1.24	0.12	0.30	0.42
Average Credits (all depts.)	19.47	20.44	21.65	0.97	1.21	2.18
% of F. Lang. Credits (of all depts.)	4.2%	4.6%	5.7%	0.40%	1.10%	1.50%
# of Students taking F. Language	33	35	37	2	2	4
# of Students (total sample)	63	52	50	-11	-2	-13
% of Students taking F. Language (of all students)	52%	67%	74%	15%	7%	22%
Basic Level Foreign Language						
Average Basic F.Lang. Credits Per Student	0.51	0.70	0.79	0.19	0.09	0.28
% of Basic F.Lang.Credits (of all F.Lang)	62%	75%	64%	13.00%	-11.00%	2.00%
% of Basic F.Lang.Credits (of all depts.)	2.6%	3.4%	3.6%	0.80%	0.20%	1.00%
# of Students taking Basic F.Lang.	31	34	37	3	3	6
% of Students taking Basic F.Lang. (of all students)	49%	65%	74%	16%	9%	25%
Middle Level Foreign Language						
Avg. Middle F. Lang. Credits Per Student	0.28	0.22	0.39	-0.06	0.17	0.11
% of Middle F.Lang.Credits (of all F.Lang)	34%	23%	31%	-11%	8%	-3%
% of Middle F.Lang.Credits (of all depts)	1.4%	1.1%	1.8%	-0.30%	0.70%	0.40%
# of Students taking Middle F.Lang.	19	19	20	0	1	1
% of Students taking Middle F.Lang. (of all students)	30%	37%	40%	7%	3%	10%
Advanced Level Foreign Language						
Average Adv.F.Lang. Credits Per Student	0.03	0.02	0.06	-0.01	0.04	0.03
% of Adv.F.Lang. Credits (of all F.Lang)	3.9%	2.0%	4.8%	-1.90%	2.80%	0.90%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Adv. F.Lang.Credits (of all depts.)	.16%	.09%	.28%	-0.07%	0.19%	0.12%
# of Students taking Adv. F.Lang.	2	1	3	-1	2	1
% of Students taking Adv. F.Lang. (of all students)	3.2%	1.9%	6.0%	-1.3%	4.1%	2.8%
Personal Skills						
Average Pers.Skills Credits Per Student	3.97	3.63	3.35	-0.34	-0.28	-0.62
Average Credits (all depts.)	19.47	20.44	21.65	0.97	1.21	2.18
% of Pers. Skills Credits (of all depts.)	20%	18%	15%	-2.00%	-3.00%	-5.00%
# of Students taking Pers. Skills	63	52	50	-11	2.	-13
# of Students (total sample)	63	52	50	-11	-2	-13
% of Students taking Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Personal Skills						
Avg. Basic Pers.Skills Credits Per Student	3.94	3.63	3.23	-0.31	-0.40	-0.71
% of Basic Pers.Skills Credits (of all PS)	99%	100%	96%	1.00%	-4.00%	-3.00%
% of Basic Pers.S.Credits (of all depts.)	20%	18%	15%	-2.00%	-3.00%	-5.00%
# of Students taking Basic Pers. Skills	63	52	50	-11	-2	-13
% of Students taking Basic Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Personal Skills						
Avg. Middle Pers.S. Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Middle Pers.S. Credits (of all P.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Middle Pers.S.Credits (of all depts)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Middle Pers. Skills	0	0	0	0	0	0
% of Students taking Middle Pers. Skills (of all students)	0%	0%	0%	0%	0%	0%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Advanced Level Personal Skills						
Average Adv. Pers. S. Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Adv.Pers.Skills Credits (of all P.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv.Pers.S. Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Adv. Pers. Skills	0	0	0	0	0	0
% of Students taking Adv. Pers. Skills (of all students)	0%	0%	0%	0%	0%	0%
Social Studies						
Average S.S. Credits Per Student	2.78	2.79	3.13	0.01	0.34	0.35
Average Credits (all departments)	19.47	20.44	21.65	0.97	1.21	2.18
% of S.S.Credits (of all depts.)	14%	14%	14%	0.00%	0.00%	0.00%
# of Students taking S.S.	63	52	50	-11	-2	-13
# of Students (total sample)	63	52	50	-11	-2	-13
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	2.78	2.79	3.13	0.01	0.34	0.35
% of Basic S.S.Credits (of all S.S.)	100%	100%	100%	0.00%	0.00%	0.00%
% of Basic S.S.Credits (of all depts.)	14%	14%	14%	0.00%	0.00%	0.00%
# of Students Taking Basic S.S.	63	52	50	-11	-2	-13
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Middle S.S.Credits (of all S.S)	0%	0%	0%	0.00%	0.00%	0.00%
% of Middle S.S.Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Middle S.S.	0	0	0	0	0	0
% of Students taking Middle S.S. (of all students)	0%	0%	0%	0%	0%	0%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Adv. S.S.Credits (of all S.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv. S.S. Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Advanced S.S.	0	0	0	0	0	0
% of Students taking Advanced S.S. (of all students)	0%	0%	0%	0%	0%	0%
DISTRICT 2, CALIFORNIA						
Art						
Average Art Credits Per Student	1.59	1.18	1.85	-0.41	0.67	0.26
Average Credits (all departments)	22.27	22.42	22.58	0.15	0.16	0.31
% of Art Credits (of all depts.)	7.1%	5.3%	8.2%	-1.80%	2.90%	1.10%
# of Students taking Art	30	25	29	-5	4	-1
# of Students (total sample)	36	26	31	-10	5	-5
% of Students taking Art (of all students)	83%	96%	94%	13%	-2%	11%
Basic Level Art						
Average Basic Art Credits Per Student	1.46	1.14	1.59	-0.32	0.45	0.13
% of Basic Art Credits (of all Art)	92%	97%	86%	5.00%	-11.00%	-6.00%
% of Basic Art Credits (of all depts.)	6.6%	5.1%	7.0%	-1.50%	1.90%	0.40%
# of Students taking Basic Art	30	25	29	-5	4	-1
% of Students taking Basic Art (of all students)	83%	96%	94%	13%	-2%	11%
Middle Level Art						
Average Middle Art Credits Per Student	0.03	0.04	0.24	0.01	0.20	0.21
% of Middle Art Credits (of all Art)	1.8%	3.2%	13%	1.40%	9.80%	11.20%
% of Middle Art Credits (of all depts.)	.13%	.17%	1.1%	0.04%	0.93%	0.97%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Middle Art	1	2	11	1	9	10
% of Students taking Middle Art (of all students)	2.8%	7.7%	35%	4.9%	27.3%	32.2%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.1	0.00	0.02	-0.10	0.02	-0.08
% of Advanced Art Credits (of all Art)	6.1%	0%	1.1%	-6.10%	1.10%	-5.00%
% of Advanced Art Credits (of all depts.)	.44%	0%	.09%	-0.44%	0.09%	-0.35%
# of Students taking Advanced Art	5	0	1	-5	1	-4
% of Students taking Advanced Art (of all students)	14%	0%	3.2%	-14%	3.2%	-10.8%
English						
Average English Credits Per Student	3.44	3.79	3.76	0.35	-0.03	0.32
Average Credits (all departments)	22.27	22.42	22.58	0.15	0.16	0.31
of English Credits (of all depts.)	15%	17%	17%	2.00%	0.00%	2.00%
# of Students taking English	36	26	31	-10	5	-5
# of Students (total sample)	36	26	31	-10	5	-5
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	3.37	3.55	3.56	0.18	0.01	0.19
% of Basic English Credits (of all Eng.)	98%	94%	95%	-4.00%	1.00%	-3.00%
% of Basic English Credits (of all depts.)	15%	16%	16%	1.00%	0.00%	1.00%
# of Students taking Basic English	36	26	31	-10	5	-5
% of Students taking Basic English (of all students)	100%	100%	100%	0%	0%	0%
Middle Level English						
Average Middle English Credits Per Student	0.13	0.1	0.19	-0.03	0.09	0.06
% of Middle English Credits (of all Eng.)	3.6%	2.5%	5.2%	-1.10%	2.70%	1.60%
% of Middle English Credits (of all depts)	.56%	.43%	.86%	-0.13%	0.43%	0.30%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Middle English	5	3	10	-2	7	5
% of Students taking Middle English (of all students)	14%	12%	32%	-2%	20%	18%
Advanced Level English						
Average Adv. English Credits Per Student	0.29	0.1	0.05	-0.19	-0.05	-0.24
% of Adv. English Credits (of all English)	8.4%	2.5%	1.3%	-5.90%	-1.20%	-7.10%
% of Adv. English Credits (of all depts.)	1.3%	.43%	.21%	-0.87%	-0.22%	-1.09%
# of Students taking Advanced English	13	3	3	-10	0	-10
% of Students taking Advanced English (of all depts.)	36%	12%	9.7%	-24%	-2.3%	-26.3%
Foreign Language						
Average F. Lang. Credits Per Student	0.82	0.83	0.50	0.01	-0.33	-0.32
Average Credits (all departments)	22.27	22.42	22.58	0.15	0.16	0.31
% of F. Lang. Credits (of all depts.)	3.7%	3.7%	2.2%	0.00%	-1.50%	-1.50%
# of Students taking F. Language	20	17	21	-3	4	1
# of Students (total sample)	36	26	31	-10	5	-5
% of Students taking F. Language (of all students)	56%	65%	68%	9%	3%	12%
Basic Level Foreign Language						
Average Basic F. Lang. Credits Per Student	0.58	0.62	0.42	0.04	-0.20	-0.16
% of Basic F.Lang. Credits (of all F.Lang)	74%	74%	84%	0.00%	10.00%	10.00%
% of Basic F.Lang.Credits (of all depts.)	2.6%	2.7%	1.9%	0.10%	-0.80%	-0.70%
# of Students taking Basic F.Lang.	20	17	20	-3	3	0
% of Students taking Basic F.Lang. (of all students)	56%	65%	65%	9%	0%	9%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.17	0.21	0.08	0.04	-0.13	-0.09
% of Middle F.Lang.Credits (of all F.Lang)	20%	26%	16%	6.00%	-10.00%	-4.00%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Middle F.Lang.Credits (of all depts)	.75%	.95%	.36%	0.20%	-0.59%	-0.39%
# of Students taking Middle F.Lang.	7	7	6	0	-1	-1
% of Students taking Middle F.Lang. (of all students)	19%	27%	19%	8%	-8%	0%
Advanced Level Foreign Language						
Average Adv. F. Lang. Credits Per Student	0.08	0.00	0.00	-0.08	0.00	-0.08
% of Adv. F. Lang. Credits (of all F.Lang)	10%	0%	0%	-10.00%	0.00%	-10.00%
% of Adv. F.Lang.Credits (of all depts.)	.37%	0%	0%	-0.37%	0.00%	-0.37%
# of Students taking Adv. F.Lang.	3	0	0	-3	0	-3
% of Students taking Adv. F.Lang. (of all students)	8.3%	0%	0%	-8.3%	0%	-8.3%
Personal Skills						
Average Pers. Skills Credits Per Student	4.83	4.57	4.08	-0.26	-0.49	-0.75
Average Credits (all depts.)	22.27	22.42	22.58	0.15	0.16	0.31
% of Pers. Skills Credits (of all depts.)	22%	20%	18%	-2.00%	-2.00%	-4.00%
# of Students taking Pers. Skills	36	26	31	-10	5	-5
# of Students (total sample)	36	26	31	-10	5	-5
% of Students taking Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	4.47	4.55	3.61	0.08	-0.94	-0.86
% of Basic Pers.S.Credits (of all P.S.)	92%	100%	89%	8.00%	-11.00%	-3.00%
% of Basic Pers.S.Credits (of all depts.)	20%	20%	16%	0.00%	-4.00%	-4.00%
# of Students taking Basic Pers. Skills	36	26	31	-10	5	-5
% of Students taking Basic Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Middle Level Personal Skills						
Avg. Middle Pers.S. Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Middle Pers.S. Credits (of all P.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Middle Pers.S.Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Middle Pers. Skills	0	0	0	0	0	0
% of Students taking Middle Pers. Skills (of all students)	0%	0%	0%	0%	0%	0%
Advanced Level Personal Skills						
Average Adv. Pers. S. Credits Per Student	0.00	0.07	0.43	0.07	0.36	0.43
% of Adv.Pers.Skills Credits (of all P.S.)	0%	1.5%	10%	1.50%	8.50%	10%
% of Adv.Pers.S. Credits (of all depts.)	0%	.30%	1.9%	0.30%	1.60%	1.90%
# of Students taking Adv. Pers. Skills	0	4	11	4	7	11
% of Students taking Adv. Pers. Skills (of all students)	0%	15%	35%	15%	20%	35%
Social Studies						
Average S.S. Credits Per Student	3.33	3.43	3.32	0.10	-0.11	-0.01
Average Credits (all departments)	22.27	22.42	22.58	0.15	0.16	0.31
% of S.S.Credits (of all depts.)	15%	15%	15%	0.00%	0.00%	0.00%
# of Students taking S.S.	36	26	31	-10	5	-5
# of Students (total sample)	36	26	31	-10	5	-5
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	3.31	3.41	3.29	0.10	-0.12	-0.02
% of Basic S.S.Credits (of all S.S.)	99%	99%	99%	0.00%	0.00%	0.00%
% of Basic S.S.Credits (of all depts.)	15%	15%	15%	0.00%	0.00%	0.00%
# fo Students Taking Basic S.S.	36	26	31	-10	5	-5

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Middle S.S.Credits (of all S.S)	0%	0%	0%	0.00%	0.00%	0.00%
% of Middle S.S. Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Middle S.S.Credits	0	0	0	0	0	0
% of Students taking Middle S.S. (of all students)	0%	0%	0%	0%	0%	0%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.02	0.02	0.02	0.00	0.02
% of Adv. S.S.Credits (of all S.S.)	0%	.55%	.48%	0.55%	-0.07%	0.48%
% of Adv. S.S. Credits (of all depts.)	0%	.08%	.07%	0.08%	-0.01%	0.07%
# of Students taking Advanced S.S.	0	1	1	1	0	1
% of Students taking Advanced S.S. (of all students)	0%	3.8%	3.2%	3.8%	-0.6%	3.2%
DISTRICT 3, CALIFORNIA						
Art						
Average Art Credits Per Student	1.98	1.37	2.02	-0.61	0.65	0.04
Average Credits (all departments)	24.83	25.82	23.55	0.99	-2.27	-1.28
% of Art Credits (of all depts.)	8.0%	5.3%	8.6%	-2.70%	3.30%	0.60%
# of Students taking Art	24	19	22	-5	3	-2
# of Students (total sample)	28	27	25	-1	-2	-3
% of Students taking Art (of all depts.)	86%	70%	88%	-16%	18%	2%
Basic Level Art						
Average Basic Art Credits Per Student	1.59	1.02	0.70	-0.57	-0.32	-0.89
% of Basic Art Credits (of all Art)	80%	74%	35%	-6.00%	-39.00%	-45.00%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Basic Art Credits (of all depts.)	6.4%	4.0%	3.0%	-2.40%	-1.00%	-3.40%
# of Students taking Basic Art	24	20	17	-4	-3	-7
% of Students taking Basic Art (of all students)	86%	74%	68%	-12%	-6%	-18%
Middle Level Art						
Average Middle Art Credits Per Student	0.16	0.06	0.76	-0.10	0.70	0.60
% of Middle Art Credits (of all Art)	8.1%	4.1%	38%	-4.00%	33.90%	29.90%
% of Middle Art Credits (of all depts.)	.65%	.22%	3.2%	-0.43%	2.98%	2.55%
# of Students taking Middle Art	3	2	12	-1	10	9
% of Students taking Middle Art (of all students)	11%	7.4%	48%	-3.6%	40.6%	37%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.29	0.41	0.58	0.12	0.17	0.29
% of Advanced Art Credits (of all Art)	14%	30%	29%	16.00%	-1.00%	15.00%
% of Advanced Art Credits (of all depts.)	1.2%	1.6%	2.5%	0.40%	0.90%	1.30%
# of Students taking Advanced Art	6	6	8	0	2	2
% of Students taking Advanced Art (of all students)	21%	22%	32%	1%	10%	11%
English						
Average English Credits Per Student	4.25	5.02	4.53	0.77	-0.49	0.28
Average Credits (all departments)	24.83	25.82	23.55	0.99	-2.27	-1.28
% of English Credits (of all depts.)	17%	19%	19%	2.00%	0.00%	2.00%
# of Students taking English	28	27	25	-1	-2	-3
# of Students (total sample)	28	27	25	-1	-2	-3
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	2.52	2.33	1.50	-0.19	-0.83	-1.02
% of Basic English Credits (of all Eng.)	59%	46%	33%	-13.00%	-13.00%	-26.00%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Basic English Credits (of all depts.)	10%	9%	6.4%	2.4%	-2.60%	-3.60%
# of Students taking Basic English	28	27	25	-1	-2	-3
% of Students taking Basic English (of all students)	100%	100%	100%	0%	0%	0%
Middle Level English						
Average Middle English Credits Per Student	0.29	0.74	1.02	0.45	.28	.73
% of Middle English Credits (of all Eng.)	6.7%	15%	23%	8.30%	8.00%	16.30%
% of Middle English Credits (of all depts)	1.2%	2.9%	4.3%	1.7%	1.4%	3.1%
# of Students taking Middle English	9	21	24	12	3	15
% of Students taking Middle English (of all students)	32%	78%	96%	46%	18%	64%
Advanced Level English						
Average Adv. English Credits Per Student	1.32	1.72	1.83	0.40	0.11	0.51
% of Adv. English Credits (of all Eng.)	31%	34%	40%	3.00%	6.00%	9.00%
% of Adv. English Credits (of all depts.)	5.3%	6.7%	7.8%	1.40%	1.10%	2.50%
# of Students taking Advanced English	23	27	24	4	-3	1
% of Students taking Advanced English (of all students)	82%	100%	96%	18%	-4%	14%
Foreign Language						
Average F. Lang. Credits Per Student	1.32	1.98	1.58	0.66	-0.40	0.26
Average Credits (all departments)	24.83	25.82	23.55	0.99	-2.27	-1.28
% of F. Lang. Credits (of all depts.)	5.3%	7.7%	6.7%	2.40%	-1.00%	1.40%
# of Students taking F. Language	28	27	24	-1	-3	-4
# of Students (total sample)	28	27	25	-1	-2	-3
% of Students taking F. Language (of all students)	100%	100%	96%	0%	-4%	-4%
Basic Level Foreign Language						
Average Basic F. Lang. Credits Per Student	0.96	1.32	0.90	.36	-.42	-.06

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Basic F.Lang.Credits (of all F.Lang)	73%	66%	57%	-7.00%	-9.00%	-16.00%
% of Basic F.Lang.Credits (of all depts.)	3.9%	5.1%	3.8%	1.20%	-1.30%	-0.10%
# of Students taking Basic F.Lang.	28	27	24	-1	-3	-4
% of Students taking Basic F.Lang. (of all students)	100%	100%	96%	0%	-4%	-4%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.32	0.48	0.58	0.16	0.10	0.26
% of Middle F.Lang.Credits (of all F.Lang)	24%	24%	37%	0.00%	13.00%	13.00%
% of Middle F.Lang.Credits (of all depts.)	1.3%	1.9%	2.5%	0.60%	0.60%	1.20%
# of Students taking Middle F.Lang.	10	14	18	4	4	8
% of Students taking Middle F.Lang. (of all students)	36%	52%	72%	16%	20%	36%
Advanced Level Foreign Language						
Average Adv. F. Lang. Credits Per Student	0.04	0.19	0.10	0.15	-0.09	0.06
% of Adv. F. Lang. Credits (of all F.Lang)	2.7%	9.3%	6.3%	6.60%	-3.00%	3.60%
% of Adv. F.Lang.Credits (of all depts.)	.15%	.72%	.42%	0.57%	-0.30%	0.27%
# of Students taking Adv. F.Lang.	1	5	3	4	-2	2
% of Students taking Adv. F.Lang. (of all students)	3.6%	19%	12%	15.4%	-7%	8.4%
Personal Skills						
Average Pers. Skills Credits Per Student	3.41	3.63	2.83	0.22	-0.80	-0.58
Average Credits (all departments)	24.83	25.82	23.55	0.99	-2.27	-1.28
% of Pers. Skills Credits (of all depts.)	14%	14%	12%	0.00%	-2.00%	-2.00%
# of Students taking Pers. Skills	27	27	25	0	-2	-2
# of Students (total sample)	28	27	25	-1	-2	-3
% of Students taking Pers. Skills (of all students)	96%	100%	100%	4%	0%	4%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Basic Level Personal Skills						
Average Basic Pers.S. Credits Per Student	2.95	3.63	2.91	0.68	-0.72	-0.04
% of Basic Pers. S. Credits (of all P.S.)	86%	100%	103%	14.00%	3.00%	17.00%
% of Basic Pers.S.Credits (of all depts.)	12%	14%	12%	2.00%	-2.00%	0.00%
# of Students taking Basic Pers. Skills	27	27	25	0	-2	-2
% of Students taking Basic Pers. Skills (of all students)	96%	100%	100%	4%	0%	4%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.2	0.06	0.08	-0.14	0.02	-0.12
% of Middle Pers.S. Credits (of all P.S.)	5.7%	1.5%	2.8%	-4.20%	1.30%	-2.90%
% of Middle Pers.S.Credits (of all depts.)	.79%	.22%	.34%	-0.57%	0.12%	-0.45%
# of Students taking Middle Pers. Skills	6	2	2	-4	0	-4
% of Students taking Middle Pers. Skills (of all students)	21%	7.4%	8%	-13.6%	0.6%	-13%
Advanced Level Personal Skills						
Average Adv. Pers. S. Credits Per Student	0.2	0.15	0.12	-0.05	-0.03	-0.08
% of Adv.Pers.Skills Credits (of all P.S.)	5.8%	4.1%	4.2%	-1.70%	0.10%	-1.60%
% of Adv.Pers.S. Credits (of all depts.)	.79%	.57%	.51%	-0.22%	-0.06%	-0.28%
# of Students taking Adv. Pers. Skills	6	4	2	-2	-2	-4
% of Students taking Adv. Pers. Skills (of all students)	21%	15%	8%	-6%	-7%	-13%
Social Studies						
Average S.S. Credits Per Student	3.55	3.43	3.72	-0.12	0.29	0.17
Average Credits (all departments)	24.83	25.82	23.55	0.99	-2.27	-1.28
% of S.S.Credits (of all depts.)	14%	13%	16%	-1.00%	3.00%	2.00%
# of Students taking S.S.	28	27	25	-1	-2	-3

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students (total sample)	28	27	25	-1	-2	-3
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	3.05	2.87	3.34	-0.18	0.47	0.29
% of Basic S.S.Credits (of all S.S.)	86%	84%	90%	-2.00%	6.00%	4.00%
% of Basic S.S.Credits (of all depts.)	12%	11%	14%	-1.00%	3.00%	2.00%
# of Students taking Basic S.S.	28	27	25	-1	-2	-3
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.02	0.00	0.00	-0.02	0.00	-0.02
% of Middle S.S.Credits (of all S.S)	.51%	0%	0%	-0.51%	0.00%	-0.51%
% of Middle S.S.Credits (of all depts.)	.07%	0%	0%	-0.07%	0.00%	-0.07%
# of Students taking Middle S.S.	1	0	0	-1	0	-1
% of Students taking Middle S.S. (of all students)	3.6%	0%	0%	-3.6%	0%	-3.6%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.38	0.37	0.26	-0.01	-0.11	-0.12
% of Adv. S.S.Credits (of all S.S.)	11%	11%	7.0%	0.00%	-4.00%	-4.00%
% of Adv. S.S. Credits (of all depts.)	1.5%	1.4%	1.1%	-0.10%	-0.30%	-0.40%
# of Students taking Advanced S.S.	8	9	8	1	-1	0
% of Students taking Advanced S.S. (of all students)	29%	33%	32%	4%	-1%	3%
DISTRICT 4, FLORIDA						
Art						
Average Art Credits Per Student	1.20	1.49	1.62	0.29	0.13	0.42
Average Credits (all departments)	22.09	23.52	24.47	1.43	0.95	2.38

Table E1.6 (cont.)

BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	Average Credits 1982	 1985	 1988	Change in Average Credits 1982-1985	 1985-1988	 1982-1988
% of Art Credits (of all depts.)	5.4%	6.3%	6.6%	0.90%	0.30%	1.20%
# of Students taking Art	31	34	51	3	17	20
# of Students (total sample)	53	52	51	-1	-1	-2
% of Students taking Art (of all students)	58%	65%	100%	7%	35%	42%
Basic Level Art						
Average Basic Art Credits Per Student	0.94	1.13	1.36	0.19	0.23	0.42
% of Basic Art Credits (of all Art)	78%	76%	84%	-2.00%	8.00%	6.00%
% of Basic Art Credits (of all depts.)	4.3%	4.8%	5.6%	0.50%	0.80%	1.30%
# of Students taking Basic Art	26	29	48	3	19	22
% of Students taking Basic Art (of all students)	49%	56%	94%	7%	38%	45%
Middle Level Art						
Average Middle Art Credits Per Student	0.18	0.19	0.12	0.01	-0.07	-0.06
% of Middle Art Credits (of all Art)	15%	13%	7.3%	-2.00%	-5.70%	-7.70%
% of Middle Art Credits (of all depts.)	.81%	.82%	.48%	0.01%	-0.34%	-0.33%
# of Students taking Middle Art	6	8	10	2	2	4
% of Students taking Middle Art (of all students)	11%	15%	20%	4%	5%	9%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.09	0.16	0.14	0.07	-0.02	0.05
% of Advanced Art Credits (of all Art)	7.1%	11%	8.5%	3.90%	-2.50%	1.40%
% of Advanced Art Credits (of all depts.)	.38%	.69%	.56%	0.31%	-0.13%	0.18%
# of Students taking Advanced Art	3	4	6	1	2	3
% of Students taking Advanced Art (of all students)	5.7%	7.7%	12%	2%	4.3%	6.3%
English						
Average English Credits Per Student	4.14	4.02	4.17	-0.12	0.15	0.03
Average Credits (all departments)	22.09	23.52	24.47	1.43	0.95	2.38

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of English Credits (of all depts.)	19%	17%	17%	-2.00%	0.00%	-2.00%
# of Students taking English	53	52	51	-1	-1	-2
# of Students (total sample)	53	52	51	-1	-1	-2
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	2.47	1.22	1.47	-1.25	0.25	-1.00
% of Basic English Credits (of all Eng.)	60%	30%	35%	-30.00%	5.00%	-25.00%
% of Basic English Credits (of all depts.)	11%	5.2%	6.0%	-5.80%	0.80%	-5.00%
# of Students taking Basic English	51	46	51	-5	5	0
% of Students taking Basic English (of all students)	96%	88%	100%	-8%	12%	4%
Middle Level English						
Average Middle Eng. Credits Per Student	1.2	1.99	1.50	0.79	-0.49	0.30
% of Middle English Credits (of all Eng.)	29%	49%	36%	20.00%	-13.00%	7.00%
% of Middle Eng. Credits (of all depts.)	5.4%	8.4%	6.1%	3.00%	-2.30%	0.70%
# of Students taking Middle English	50	52	45	2	-7	-5
% of Students taking Middle English (of all students)	94%	100%	88%	6%	-12%	-6%
Advanced Level English						
Average Adv. English Credits Per Student	0.43	0.75	1.2	0.32	0.45	0.77
% of Adv. English Credits (of all English)	10%	19%	29%	9.00%	10.00%	19.00%
% of Adv. English Credits (of all depts.)	1.9%	3.2%	4.9%	1.30%	1.70%	3.00%
# of Students taking Advanced English	30	34	46	4	12	16
% of Students taking Advanced English (of all students)	57%	65%	90%	8%	25%	33%
Foreign Language						
Average F. Lang. Credits Per Student	0.39	0.44	0.97	0.05	0.53	0.58

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	1982	1985	1988	1982-1985	1985-1988	1982-1988
Average Credits (all depts.)	22.09	23.52	24.47	1.43	0.95	2.38
% of F. Lang. Credits (of all depts.)	1.8%	1.9%	4.0%	0.10%	2.10%	2.20%
# of Students taking F. Language	14	18	28	4	10	14
# of Students (total sample)	53	52	51	-1	-1	-2
% of Students taking F. Language (of all students)	26%	35%	55%	9%	20%	29%
Basic Level Foreign Language						
Average Basic F.Lang. Credits Per Student	0.26	0.26	0.51	0.00	0.25	0.25
% of Basic F.Lang.Credits (of all F.Lang)	66%	60%	53%	-6.00%	-7.00%	-13.00%
% of Basic F.Lang.Credits (of all depts.)	1.2%	1.1%	2.1%	-0.10%	1.00%	0.90%
# of Students taking Basic F.Lang.	13	16	27	3	11	14
% of Students taking Basic F.Lang. (of all students)	25%	31%	53%	6%	22%	28%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.07	0.14	0.34	0.07	0.20	0.27
% of Middle F.Lang.Credits (of all F.Lang)	17%	33%	35%	16.00%	2.00%	18.00%
% of Middle F.Lang.Credits (of all depts.)	.30%	.61%	1.4%	0.31%	0.79%	1.10%
# of Students taking Middle F.Lang.	5	7	19	2	12	14
% of Students taking Middle F.Lang. (of all students)	9.4%	13%	37%	3.6%	24%	27.6%
Advanced Level Foreign Language						
Average Adv. F. Lang. Credits Per Student	0.07	0.03	0.12	-0.04	0.09	0.05
% of Adv. F.Lang.Credits (of all F.Lang)	17%	6.6%	12%	-10.40%	5.40%	-5.00%
% of Adv. F.Lang.Credits (of all depts.)	.30%	.12%	.48%	-0.18%	0.36%	0.18%
# of Students taking Adv. F.Lang.	3	1	5	-2	4	2
% of Students taking Adv. F.Lang. (of all students)	5.7%	1.9%	9.8%	-3.8%	7.9%	4.1%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Personal Skills						
Average Pers. Skills Credits Per Student	3.96	3.71	3.07	-0.25	-0.64	-0.89
Average Credits (all depts.)	22.09	23.52	24.47	1.43	0.95	2.38
% of Pers. Skills Credits (of all depts.)	18%	16%	13%	-2.00%	-3.00%	-5.00%
# of Students taking Pers. Skills	53	52	51	-1	-1	-2
# of Students (total sample)	53	52	51	-1	-1	-2
% of Students taking Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Personal Skills						
Average Basic Pers.S. Credits Per Student	3.28	3.72	3.04	0.44	-0.68	-0.24
% of Basic Pers.S. Credits (of all P.S.)	83%	100%	99%	17.00%	-1.00%	16.00%
% of Basic Pers.S.Credits (of all depts.)	15%	16%	12%	1.00%	-4.00%	-3.00%
# of Students taking Basic Pers. Skills	53	52	51	-1	-1	-2
% of Students taking Basic Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.09	0.00	0.00	-0.09	0.00	-0.09
% of Middle Pers. S.Credits (of all P.S.)	2.1%	0%	0%	-2.10%	0.00%	-2.10%
% of Middle Pers.S.Credits (of all depts.)	.38%	0%	0%	-0.38%	0.00%	-0.38%
# of Students taking Middle Pers. Skills	7	0	0	-7	0	-7
% of Students taking Middle Pers. Skills (of all students)	13%	0%	0%	-13%	0%	-13%
Advanced Level Personal Skills						
Average Adv.Pers.S. Credits Per Student	0.00	0.00	0.06	0.00	0.06	0.06
% of Adv.Pers.S. Credits (of all P.S.)	0%	0%	1.9%	0.00%	1.90%	1.90%
% of Adv.Pers.S.Credits (of all depts.)	0%	0%	.24%	0.00%	0.24%	0.24%
# of Students taking Adv. Pers. Skills	0	0	4	0	4	4

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Adv. Pers. Skills (of all students)	0%	0%	7.8%	0%	7.8%	7.8%
Social Studies						
Average S.S. Credits Per Student	2.81	2.31	3.19	-0.50	0.88	0.38
Average Credits (all departments)	22.09	23.52	24.47	1.43	0.95	2.38
% of S.S.Credits (of all depts.)	13%	9.8%	13%	-3.20%	3.20%	0.00%
# of Students taking S.S.	52	52	51	0	-1	-1
# of Students (total sample)	53	52	51	-1	-1	-2
% of Students taking S.S. (of all students)	98%	100%	100%	2%	0%	2%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	2.46	1.9	2.58	-0.56	0.68	0.12
% of Basic S.S.Credits (of all S.S.)	88%	82%	81%	-6.00%	-1.00%	-7.00%
% of Basic S.S.Credits (of all depts.)	11%	8.1%	11%	-2.90%	2.90%	0.00%
# of Students taking Basic S.S.	52	49	50	-3	1	-2
% of Students taking Basic S.S. (of all students)	98%	94%	98%	-4%	4%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.34	0.09	0.14	-0.25	0.05	-0.20
% of Middle S.S.Credits (of all S.S)	12%	3.8%	4.3%	-8.20%	0.50%	-7.70%
% of Middle S.S.Credits (of all depts.)	1.5%	.37%	.56%	-1.13%	0.19%	-0.94%
# of Students taking Middle S.S.	27	7	12	-20	5	-15
% of Students taking Middle S.S. (of all students)	51%	13%	24%	-38%	11%	-27%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.33	0.41	0.33	0.08	0.41
% of Adv. S.S.Credits (of all S.S.)	0%	14%	13%	14.00%	-1.00%	13.00%
% of Adv. S.S. Credits (of all depts.)	0%	1.4%	1.7%	1.40%	0.30%	1.70%
# of Students taking Advanced S.S.	0	11	16	11	5	16

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	**1982**	**1985**	**1988**	**1982-1985**	**1985-1988**	**1982-1988**
% of Students taking Advanced S.S. (of all students)	0%	21%	31%	21%	10%	31%
DISTRICT 5, FLORIDA						
Art						
Average Art Credits Per Student	0.84	1.20	0.88	0.36	-0.32	0.04
Average Credits (all departments)	21.87	24.48	26.63	2.61	2.15	4.76
% of Art Credits (of all depts.)	3.8%	4.9%	3.3%	1.10%	-1.60%	-0.50%
# of Students taking Art	20	23	49	3	26	29
# of Students (total sample)	50	50	50	0	0	0
% of Students taking Art (of all students)	40%	46%	98%	6%	52%	58%
Basic Level Art						
Average Basic Art Credits Per Student	0.70	1.10	0.73	0.40	-0.37	0.03
% of Basic Art Credits (of all Art)	83%	92%	83%	9.00%	-9.00%	0.00%
% of Basic Art Credits (of all depts.)	3.2%	4.5%	2.7%	1.30%	-1.80%	-0.50%
# of Students taking Basic Art	20	23	44	3	21	24
% of Students taking Basic Art (of all students)	40%	46%	88%	6%	42%	48%
Middle Level Art						
Average Middle Art Credits Per Student	0.12	0.06	0.07	-0.06	0.01	-0.05
% of Middle Art Credits (of all Art)	14%	5.0%	8.0%	-9.00%	3.00%	-6.00%
% of Middle Art Credits (of all depts.)	.55%	.25%	.26%	-0.30%	0.01%	-0.29%
# of Students taking Middle Art	3	3	6	0	3	3
% of Students taking Middle Art (of all students)	6%	6%	12%	0%	6%	6%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.02	0.04	0.08	0.02	0.04	0.06
% of Advanced Art Credits (of all Art)	2.4%	3.3%	9.1%	0.90%	5.80%	6.70%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Advanced Art Credits (of all depts.)	.09%	.16%	.30%	0.07%	0.14%	0.21%
# of Students taking Advanced Art	1	2	4	1	2	3
% of Students taking Advanced Art (of all students)	2.0%	4.0%	8.0%	2%	4%	6%
English						
Average English Credits Per Student	4.40	4.52	4.11	0.12	-0.41	-0.29
Average Credits (all departments)	21.87	24.48	26.63	2.61	2.15	4.76
% of English Credits (of all depts.)	20%	18%	15%	-2.00%	-3.00%	-5.00%
# of Students taking English	50	50	50	0	0	0
# of Students (total sample)	50	50	50	0	0	0
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	2.21	2.76	1.43	0.55	-1.33	-0.78
% of Basic English Credits (of all Eng.)	50%	61%	35%	11.00%	-26.00%	-15.00%
% of Basic English Credits (of all depts)	10%	11%	5.4%	1.00%	-5.60%	-4.60%
# of Students taking Basic English	50	50	49	0	-1	-1
% of Students taking Basic English (of all students)	100%	100%	98%	0%	-2%	-2%
Middle Level English						
Average Middle Eng. Credits Per Student	1.06	.076	0.74	-0.98	0.66	-0.32
% of Middle English Credits (of all Eng.)	24%	1.7%	18%	-22.30%	16.30%	-6.00%
% of Middle English Credits (of all depts)	4.9%	.31%	2.8%	-4.59%	2.49%	-2.10%
# of Students taking Middle English	47	37	36	-10	-1	-11
% of Students taking Middle English (of all students)	94%	74%	72%	-20%	-2%	-22%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	**1982**	**1985**	**1988**	**1982-1985**	**1985-1988**	**1982-1988**
Advanced Level English						
Average Adv. English Credits Per Student	1.36	1.12	1.92	-0.24	0.80	0.56
% of Adv. English Credits (of all Eng.)	31%	25%	47%	-6.00%	22.00%	16.00%
% of Adv. English Credits (of all depts.)	6.2%	5.0%	7.2%	-1.20%	2.20%	1.00%
# of Students taking Advanced English	44	38	50	-6	12	6
% of Students taking Advanced English (of all students)	88%	76%	100%	-12%	24%	12%
Foreign Language						
Average F. Lang. Credits Per Student	0.06	0.24	1.03	0.18	0.79	0.97
Average Credits (all departments)	21.87	24.48	26.63	2.61	2.15	4.76
% of F. Lang. Credits (of all depts.)	.27%	.98%	3.9%	0.71%	2.92%	3.63%
# of Students taking F. Language	3	12	35	9	23	32
# of Students (total sample)	50	50	50	0	0	0
% of Students taking F. Language (of all students)	6.0%	24%	70%	18%	46%	64%
Basic Level Foreign Language						
Average Basic F.Lang. Credits Per Student	0.06	0.22	0.63	0.16	0.41	0.57
% of Basic F.Lang.Credits (of all F.Lang)	100%	92%	61%	-8.00%	-31.00%	-39.00%
% of Basic F.Lang.Credits (of all depts.)	.27%	.90%	2.4%	0.63%	1.50%	2.13%
# of Students taking Basic F.Lang.	3	11	33	8	22	30
% of Students taking Basic F.Lang. (of all students)	6.0%	22%	66%	16%	44%	60%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.00	0.00	0.40	0.00	0.40	0.40
% of Middle F.Lang.Credits (of all F.Lang)	0%	0%	39%	0.00%	39.00%	39.00%
% of Middle F.Lang.Credits (of all depts)	0%	0%	1.5%	0.00%	1.50%	1.50%
# of Students taking Middle F.Lang.	0	0	20	0	20	20

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Middle F.Lang. (of all students)	0%	0%	40%	0%	40%	40%
Advanced Level Foreign Language						
Average Adv. F. Lang. Credits Per Student	0.00	0.02	0.00	0.02	-0.02	0.00
% of Adv. F.Lang. Credits (of all F.Lang)	0%	8.3%	0%	8.30%	-8.30%	0.00%
% of Adv. F.Lang.Credits (of all depts.)	0%	.08%	0%	0.08%	-0.08%	0.00%
# of Students taking Adv. F.Lang.	0	1	0	1	-1	0
% of Students taking Adv. F.Lang. (of all students)	0%	2.0%	0%	2%	-2%	0%
Personal Skills						
Average Pers. Skills Credits Per Student	4.11	3.40	4.82	-0.71	1.42	0.71
Average Credits (all departments)	21.87	24.48	26.63	2.61	2.15	4.76
% of Pers. Skills Credits (of all depts.)	19%	14%	18%	-5.00%	4.00%	-1.00%
# of Students taking Pers. Skills	50	50	50	0	0	0
# of Students (total sample)	50	50	50	0	0	0
% of Students taking Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	3.22	2.66	3.39	-0.56	0.73	0.17
% of Basic Pers.S.Credits (of all P.S.)	78%	78%	70%	0.00%	-8.00%	-8.00%
% of Basic Pers.S.Credits (of all depts.)	15%	11%	13%	-4.00%	2.00%	-2.00%
# of Students taking Basic Pers. Skills	50	50	50	0	0	0
% of Students taking Basic Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.20	0.33	1.10	0.13	0.77	0.90
% of Middle Pers. S.Credits (of all P.S.)	4.9%	10%	23%	5.10%	13.00%	18.10%
% of Middle Pers.S.Credits (of all depts)	.91%	1.3%	4.1%	0.39%	2.80%	3.19%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Middle Pers. Skills	9	13	50	4	37	41
% of Students taking Middle Pers. Skills (of all students)	18%	26%	100%	8%	74%	82%
Advanced Level Personal Skills						
Average Adv. Pers. S. Credits Per Student	0.58	0.29	0.23	-0.29	-0.06	-0.35
% of Adv.Pers.S. Credits (of all P.S.)	14%	8.5%	4.8%	-5.50%	-3.70%	-9.20%
% of Adv.Pers.S. Credits (of all depts.)	2.7%	1.2%	.86%	-1.50%	-0.34%	-1.84%
# of Students taking Adv. Pers. Skills	22	13	10	-9	-3	-12
% of Students taking Adv. Pers. Skills (of all students)	44%	26%	20%	-18%	-6%	-24%
Social Studies						
Average S.S. Credits Per Student	3.56	3.85	3.96	0.29	0.11	0.40
Average Credits (all departments)	21.87	24.48	26.63	2.61	2.15	4.76
% of S.S.Credits (of all depts.)	16%	16%	15%	0.00%	-1.00%	-1.00%
# of Students taking S.S.	50	50	50	0	0	0
# of Students (total sample)	50	50	50	0	0	0
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0	0
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	3.21	3.83	3.47	0.62	-0.36	0.26
% of Basic S.S.Credits (of all S.S.)	90%	99%	88%	9.00%	-11.00%	-2.00%
% of Basic S.S.Credits (of all depts.)	15%	16%	13%	1.00%	-3.00%	-2.00%
# of Students taking Basic S.S.	50	50	50	0	0	0
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.07	0.00	0.49	-0.07	0.49	0.42
% of Middle S.S.Credits (of all S.S)	2.0%	0%	12%	-2.00%	12.00%	10.00%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Middle S.S.Credits (of all depts.)	.32%	0%	1.8%	-0.32%	1.80%	1.48%
# of Students taking Missle S.S.	4	0	46	-4	46	42
% of Students taking Middle S.S. (of all students)	8.0%	0%	92%	-8%	92%	84%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Adv. S.S.Credits (of all S.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv. S.S. Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Advanced S.S.	0	0	0	0	0	0
% of Students taking Advanced S.S. (of all students)	0%	0%	0%	0%	0%	0%
DISTRICT 6, MISSOURI						
Art						
Average Art Credits Per Student	2.4	1.85	1.98	-0.55	0.13	-0.42
Average Credits (all departments)	22.16	21.92	23.28	-0.24	1.36	1.12
% of Art Credits (of all depts.)	11%	8.5%	8.5%	-2.50%	0.00%	-2.50%
# of Students taking Art	46	43	50	-3	7	4
# of Students (total sample)	48	51	52	3	1	4
% of Students taking Art (of all students)	96%	84%	96%	-12%	12%	0%
Basic Level Art						
Average Basic Art Credits Per Student	2.2	1.48	1.33	-0.72	-0.15	-0.87
% of Basic Art Credits (of all Art)	92%	80%	67%	-12.00%	-13.00%	-25.00%
% of Basic Art Credits (of all depts.)	9.9%	6.8%	5.7%	-3.10%	-1.10%	-4.20%
# of Students taking Basic Art	46	42	47	-4	5	1
% of Students taking Basic Art (of all students)	96%	82%	90%	-14%	8%	-6%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Middle Level Art						
Average Middle Art Credits Per Student	0.16	0.25	0.42	0.09	0.17	0.26
% of Middle Art Credits (of all Art)	6.5%	13%	21%	6.50%	8.00%	14.50%
% of Middle Art Credits (of all depts.)	.70%	1.1%	1.8%	0.40%	0.70%	1.10%
# of Students taking Middle Art	9	13	16	4	3	7
% of Students taking Middle Art (of all students)	19%	25%	31%	6.00%	6.00%	12.00%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.04	0.13	0.23	0.09	0.10	0.19
% of Advanced Art Credits (of all Art)	1.8%	6.9%	12%	5.10%	5.10%	10.20%
% of Advanced Art Credits (of all depts.)	.19%	.58%	.99%	0.39%	0.41%	0.80%
# of Students taking Advanced Art	2	3	6	1	3	4
% of Students taking Advanced Art (of all students)	4.2%	5.9%	12%	1.7%	6.1%	7.8%
English						
Average English Credits Per Student	3.85	4.03	3.82	0.18	-0.21	-0.03
Average Credits (all departments)	22.16	21.92	23.28	-0.24	1.36	1.12
% of English Credits (of all depts.)	17%	18%	16%	1.00%	-2.00%	-1.00%
# of Students taking English	48	51	52	3	1	4
# of Students (total sample)	48	51	52	3	1	4
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	2.45	2.74	2.39	0.29	-0.35	-0.06
% of Basic English Credits (of all Eng.)	64%	68%	62%	4.00%	-6.00%	-2.00%
% of Basic English Credits (of all depts)	11%	12%	10%	1.00%	-2.00%	-1.00%
# of Students taking Basic English	48	51	52	3	1	4
% of Students taking Basic English (of all students)	100%	100%	100%	0%	0%	0%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Middle Level English						
Average Middle Eng. Credits Per Student	1.30	1.04	1.18	-0.26	0.14	-0.12
% of Middle English Credits (of all Eng.)	34%	26%	31%	-8.00%	5.00%	-3.00%
% of Middle Eng. Credits (of all depts.)	5.9%	4.7%	5.1%	-1.20%	0.40%	-0.80%
# of Students taking Middle English	47	47	50	0	3	3
% of Students taking Middle English (of all students)	98%	92%	96%	-6%	4%	-2%
Advanced Level English						
Average Adv. English Credits Per Student	0.10	0.15	0.07	0.05	-0.08	-0.03
% of Adv. English Credits (of all Eng.)	2.7%	3.6%	1.8%	0.90%	-1.80%	-0.90%
% of Adv. English Credits (of all depts.)	.47%	.67%	.29%	0.20%	-0.38%	-0.18%
# of Students taking Advanced English	6	8	7	2	-1	1
% of Students taking Advanced English (of all students)	13%	16%	13%	3%	-3%	0%
Foreign Language						
Average F. Lang. Credits Per Student	0.71	0.56	1.12	-0.15	0.56	0.41
Average F. Lang. Credits (all depts.)	22.16	21.92	23.28	-0.24	1.36	1.12
% of F. Lang. Credits (of all depts.)	3.2%	2.5%	4.8%	-0.70%	2.30%	1.60%
# of Students taking F. Language	16	18	33	2	15	17
# of Students (total sample)	48	51	52	3	1	4
% of Students taking F. Language (of all students)	33%	35%	63%	2%	28%	30%
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.34	0.35	0.67	0.01	0.32	0.33
% of Basic F.Lang.Credits (of all F.Lang)	49%	63%	60%	14.00%	-3.00%	11.00%
% of Basic F.Lang.Credits (of all depts.)	1.6%	1.6%	2.9%	0.00%	1.30%	1.30%
# of Students taking Basic F.Lang.	16	16	33	0	17	17

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Basic F.Lang. (of all students)	33%	31%	63%	-2%	32%	30%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.26	0.12	0.3	-0.14	0.18	0.04
% of Middle F.Lang.Credits (of all F.Lang)	37%	21%	27%	-16.00%	6.00%	-10.00%
% of Middle F.Lang.Credits (of all depts)	1.2%	.54%	1.3%	-0.66%	0.76%	0.10%
# of Students taking Middle F.Lang.	11	6	17	-5	11	6
% of Students taking Middle F.Lang. (of all students)	23%	12%	33%	-11%	21%	10%
Advanced Level Foreign Language						
Average Adv. F. Lang. Credits Per Student	0.10	0.09	0.14	-0.01	0.05	0.04
% of Adv. F.Lang.Credits (of all F.Lang)	15%	16%	13%	1.00%	-3.00%	-2.00%
% of Adv. F.Lang.Credits (of all depts.)	.47%	.40%	.62%	-0.07%	0.22%	0.15%
# of Students taking Adv. F.Lang.	5	5	8	0	3	3
% of Students taking Adv. F.Lang. (of all students)	10%	9.8%	15%	-0.2%	5.2%	5%
Personal Skills						
Average Pers. Skills Credits Per Student	2.86	2.82	2.43	-0.04	-0.39	-0.43
Average Pers. Skills Credits (all depts)	22.16	21.92	23.28	-0.24	1.36	1.12
% of Pers. Skills Credits (of all depts.)	13%	13%	10%	0.00%	-3.00%	-3.00%
# of Students taking Pers. Skills	48	51	52	3	1	4
# of Students (total sample)	48	51	52	3	1	4
% of Students taking Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Personal Skills						
Average Basic Pers.S. Credits Per Student	2.62	2.63	2.12	0.01	-0.51	-0.50
% of Basic Pers.S. Credits (of all P.S.)	92%	93%	87%	1.00%	-6.00%	-5.00%
% of Basic Pers.S.Credits (of all depts.)	12%	12%	9.1%	0.00%	-2.90%	-2.90%
# of Students taking Basic Pers. Skills	48	51	52	3	1	4

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Basic Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.05	0.02	0.03	-0.03	0.01	-0.02
% of Middle Pers. S.Credits (of all P.S.)	1.8%	.71%	1.2%	-1.09%	0.49%	-0.60%
% of Middle Pers.S.Credits (of all depts)	.23%	.09%	.12%	-0.14%	0.03%	-0.11%
# of Students taking Middle Pers. Skills	5	2	3	-3	1	-2
% of Students taking Middle Pers. Skills (of all students)	10%	3.9%	5.8%	-6.1%	1.9%	-4.2%
Advanced Level Personal Skills						
Average Adv. Pers. S.Credits Per Student	0.14	0.06	0.21	-0.08	0.15	0.07
% of Adv.Pers.S. Credits (of all P.S.)	4.7%	2.1%	8.7%	-2.60%	6.60%	4.00%
% of Adv.Pers.S. Credits (of all depts.)	.61%	.27%	.91%	-0.34%	0.64%	0.30%
# of Students taking Adv. Pers. Skills	6	3	7	-3	4	1
% of Students taking Adv. Pers. Skills (of all students)	13%	5.9%	13%	-7.1%	7.1%	0%
Social Studies						
Average S.S. Credits Per Student	3.69	3.40	3.31	-0.29	-0.09	-0.38
Average Credits (all departments)	22.16	21.92	23.28	-0.24	1.36	1.12
% of S.S.Credits (of all depts.)	17%	16%	14%	-1.00%	-2.00%	-3.00%
# of Students taking S.S.	48	51	52	3	1	4
# of Students (total sample)	48	51	52	3	1	4
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	3.27	3.07	2.37	-0.20	-0.70	-0.90
% of Basic S.S.Credits (of all S.S.)	89%	90%	71%	1.00%	-19.00%	-18.00%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Basic S.S.Credits (of all depts.)	15%	14%	10%	-1.00%	-4.00%	-5.00%
# of Students taking Basic S.S	48	51	52	3	1	4
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.42	0.28	0.46	-0.14	0.18	0.04
% of Middle S.S.Credits (of all S.S)	11%	8.1%	14%	-2.90%	5.90%	3.00%
% of Middle S.S.Credits (of all depts.)	1.9%	1.3%	2.0%	-0.60%	0.70%	0.10%
# of Students taking Middle S.S.	34	26	45	-8	19	11
% of Students taking Middle S.S. (of all students)	71%	51%	87%	-20%	36%	16%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.01	0.01	0.01	0.00	0.01
% of Adv. S.S.Credits (of all S.S.)	0%	.29%	.30%	0.29%	0.01%	0.30%
% of Adv. S.S. Credits (of all depts.)	0%	.05%	.04%	0.05%	-0.01%	0.04%
# of Students taking Advanced S.S.	0	1	1	1	0	1
% of Students taking Advanced S.S. (of all students)	0%	2.0%	1.9%	2%	-0.1%	1.9%
DISTRICT 7, MISSOURI						
Art						
Average Art Credits Per Student	1.93	1.92	1.85	-0.01	-0.07	-0.08
Average Credits (all departments)	21.02	20.48	22.08	-0.54	1.60	1.06
% of Art Credits (of all depts.)	9.2%	9.4%	8.4%	0.20%	-1.00%	-0.80%
# of Students taking Art	52	51	47	-1	-4	-5
# of Students (total sample)	55	53	50	-2	-3	-5
% of Students taking Art (of all students)	95%	96%	94%	1%	-2%	-1%

Table E1.6 (cont.)

BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	Average Credits 1982	1985	1988	Change in Average Credits 1982-1985	1985-1988	1982-1988
Basic Level Art						
Average Basic Art Credits Per Student	1.82	1.75	1.66	-0.07	-0.09	-0.16
% of Basic Art Credits (of all Art)	94%	91%	90%	-3.00%	-1.00%	-4.00%
% of Basic Art Credits (of all depts.)	8.7%	8.5%	7.5%	-0.20%	-1.00%	-1.20%
# of Students taking Basic Art	52	51	47	-1	-4	-5
% of Students taking Basic Art (of all students)	95%	96%	94%	1%	-2%	-1%
Middle Level Art						
Average Middle Art Credits Per Student	0.11	0.13	0.14	0.02	0.01	0.03
% of Middle Art Credits (of all Art)	5.6%	6.9%	7.6%	1.30%	0.70%	2.00%
% of Middle Art Credits (of all depts.)	.52%	.64%	.63%	0.12%	-0.01%	0.11%
# of Students taking Middle Art	7	7	7	0	0	0
% of Students taking Middle Art (of all students)	13%	13%	14%	0%	1%	1%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.00	0.04	0.05	0.04	0.01	0.05
% of Advanced Art Credits (of all Art)	0%	2.0%	2.7%	2.00%	0.70%	2.70%
% of Advanced Art Credits (of all depts.)	0%	.19%	.23%	0.19%	0.04%	0.23%
# of Students taking Advanced Art	0	3	3	3	0	3
% of Students taking Advanced Art (of all students)	0%	5.7%	6.0%	5.7%	0.3%	6%
English						
Average English Credits Per Student	3.51	3.63	4.11	0.12	0.48	0.60
Average Credits (all departments)	21.02	20.48	22.08	-0.54	1.60	1.06
% of English Credits (of all depts.)	17%	18%	19%	1.00%	1.00%	2.00%
# of Students taking English	55	53	50	-2	-3	-5
# of Students (total sample)	55	53	50	-2	-3	-5
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	1982	1985	1988	1982-1985	1985-1988	1982-1988
Basic Level English						
Average Basic English Credits Per Student	1.82	1.36	1.52	-0.46	0.16	-0.30
% of Basic English Credits (of all Eng.)	52%	38%	37%	-14.00%	-1.00%	-15.00%
% of Basic English Credits (of all depts)	8.7%	6.7%	6.9%	-2.00%	0.20%	-1.80%
# of Students taking Basic English	55	49	47	-6	-2	-8
% of Students taking Basic English (of all students)	100%	92%	94%	-8%	2%	-6%
Middle Level English						
Average Middle Eng. Credits Per Student	0.92	0.94	1.12	0.02	0.18	0.20
% of Middle English Credits (of all Eng.)	26%	26%	27%	0.00%	1.00%	1.00%
% of Middle Eng. Credits (of all depts.)	4.4%	4.6%	5.1%	0.20%	0.50%	0.70%
# of Students taking Middle English	51	49	48	-2	-1	-3
% of Students taking Middle English (of all students)	93%	92%	96%	-1%	4%	3%
Advanced Level English						
Average Adv. English Credits Per Student	0.77	1.32	1.47	0.55	0.15	0.70
% of Adv. English Credits (of all Eng.)	22%	36%	36%	14.00%	0.00%	14.00%
% of Adv. English Credits (of all depts.)	3.7%	6.5%	6.7%	2.80%	0.20%	3.00%
# of Students taking Advanced English	47	49	48	2	-1	1
% of Students taking Advanced English (of all students)	85%	92%	96%	7%	4%	11%
Foreign Language						
Average F. Lang. Credits Per Student	0.22	0.26	0.21	0.04	-0.05	-0.01
Average Credits (all departments)	21.02	20.48	22.08	-0.54	1.60	1.06
% of F. Lang. Credits (of all depts.)	1.1%	1.2%	.95%	0.10%	-0.25%	-0.15%
# of Students taking F. Language	14	11	8	-3	-3	-6
# of Students (total sample)	25	21	16	-4	-5	-9

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	**1982**	**1985**	**1988**	**1982-1985**	**1985-1988**	**1982-1988**
% of Students taking F. Language (of all students)	**55%**	**53%**	**50%**	**-2%**	**-3%**	**-5%**
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	**0.2**	**0.19**	**0.15**	**-0.01**	**-0.04**	**-0.05**
% of Basic F.Lang.Credits (of all F.Lang)	**87%**	**74%**	**71%**	**-13.00%**	**-3.00%**	**-16.00%**
% of Basic F.Lang.Credits (of all depts.)	**.93%**	**.92%**	**.68%**	**-0.01%**	**-0.24%**	**-0.25%**
# of Students taking Basic F.Lang.	**13**	**10**	**8**	**-3**	**-2**	**-5**
% of Students taking Basic F.Lang. (of all students)	**24%**	**19%**	**16%**	**-5%**	**-3%**	**-8%**
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	**0.03**	**0.07**	**0.06**	**0.04**	**-0.01**	**0.03**
% of Middle F.Lang.Credits (of all F.Lang)	**12%**	**26%**	**29%**	**14.00%**	**3.00%**	**17.00%**
% of Middle F.Lang.Credits (of all depts)	**.13%**	**.32%**	**.27%**	**0.19%**	**-0.05%**	**0.14%**
# of Students taking Middle F.Lang.	**2**	**4**	**3**	**2**	**-1**	**1**
% of Students taking Middle F.Lang. (of all students)	**3.6%**	**7.5%**	**6%**	**3.9%**	**-1.5%**	**2.4%**
Advanced Level Foreign Language						
Average Adv. F. Lang. Credits Per Student	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
% of Adv. F.Lang.Credits (of all F.Lang)	**0%**	**0%**	**0%**	**0.00%**	**0.00%**	**0.00%**
% of Adv. F.Lang.Credits (of all depts.)	**0%**	**0%**	**0%**	**0.00%**	**0.00%**	**0.00%**
# of Students taking Adv. F.Lang.	**0**	**0**	**0**	**0**	**0**	**0**
% of Students taking Adv. F.Lang. (of all students)	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**
Personal Skills						
Average Pers. Skills Credits Per Student	**2.34**	**2.01**	**2.22**	**-0.33**	**0.21**	**-0.12**
Average Pers. Skills Credits (all depts.)	**21.02**	**20.48**	**22.08**	**-0.54**	**1.60**	**1.06**
% of Pers. Skills Credits (of all depts.)	**11%**	**9.8%**	**10%**	**-1.20%**	**0.20%**	**-1.00%**
# of Students taking Pers. Skills	**55**	**51**	**49**	**-4**	**-2**	**-6**
# of Students (total sample)	**55**	**53**	**50**	**-2**	**-3**	**-5**

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Pers. Skills (of all students)	100%	96%	98%	-4%	2%	-2%
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	1.97	1.59	1.82	-0.38	0.23	-0.15
% of Basic Pers.S.Credits (of all P.S.)	84%	79%	82%	-5.00%	3.00%	-2.00%
% of Basic Pers.S.Credits (of all depts.)	9.4%	7.8%	8.2%	-1.60%	0.40%	-1.20%
# of Students taking Basic Pers. Skills	55	51	50	-4	-1	-5
% of Students taking Basic Pers. Skills (of all students)	100%	96%	100%	-4%	4%	0%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.12	0.10	0.18	-0.02	0.08	0.06
% of Middle Pers.S.Credits (of all P.S.)	5.1%	5.2%	8.1%	0.10%	2.90%	3.00%
% of Middle Pers.S.Credits (of all depts)	.56%	.51%	.82%	-0.05%	0.31%	0.26%
# of Students taking Middle Pers. Skills	8	7	8	-1	1	0
% of Students taking Middle Pers. Skills (of all students)	15%	13%	16%	-2%	3%	1%
Advanced Level Personal Skills						
Average Adv. Pers. S.Credits Per Student	0.16	0.22	0.17	0.06	-0.05	0.01
% of Adv.Pers.S. Credits (of all P.S.)	6.6%	11%	7.7%	4.40%	-3.30%	1.10%
% of Adv.Pers.S. Credits (of all depts.)	.74%	1.1%	.77%	0.36%	-0.33%	0.03%
# of Students taking Adv. Pers. Skills	6	13	8	7	-5	2
% of Students taking Adv. Pers. Skills (of all students)	11%	25%	16%	14%	-9%	5%
Social Studies						
Average S.S. Credits Per Student	3.25	3.15	3.05	-0.10	-0.10	-0.20
Average Credits (all departments)	21.02	20.48	22.08	-0.54	1.60	1.06
% of S.S.Credits (of all depts.)	15%	15%	14%	0.00%	-1.00%	-1.00%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking S.S.	55	53	50	-2	-3	-5
# of Students (total sample)	55	53	50	-2	-3	-5
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	3.23	3.13	3.03	-0.10	-0.10	-0.20
% of Basic S.S.Credits (of all S.S.)	99%	99%	99%	0.00%	0.00%	0.00%
% of Basic S.S.Credits (of all depts.)	15%	15%	14%	0.00%	-1.00%	-1.00%
# of Students taking Basic S.S.	55	53	50	-2	-3	-5
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.02	0.00	0.02	-0.02	0.02	0.00
% of Middle S.S.Credits (of all S.S)	.55%	0%	.66%	-0.55%	0.66%	0.11%
% of Middle S.S.Credits (of all depts.)	.09%	0%	.09%	-0.09%	0.09%	0.00%
# of Students taking Middle S.S.	2	0	2	-2	2	0
% of Students taking Middle S.S. (of all students)	3.6%	0%	4%	-3.6%	4%	0.4%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.02	0.00	0.02	-0.02	0.00
% of Adv. S.S.Credits (of all S.S.)	0%	.60%	0%	0.60%	-0.60%	0.00%
% of Adv. S.S. Credits (of all depts.)	0%	.09%	0%	0.09%	-0.09%	0.00%
# of Students taking Advanced S.S.	0	1	0	1	-1	0
% of Students taking Advanced S.S. (of all students)	0%	1.9%	0%	1.9%	-1.9%	0%
DISTRICT 8, PENNSYLVANIA						
Art						
Average Art Credits Per Student	1.45	1.37	2.08	-0.08	0.71	0.63

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	1982	1985	1988	1982-1985	1985-1988	1982-1988
Average Credits (all departments)	19.75	23.75	27.77	4.00	4.02	8.02
% of Art Credits (of all depts.)	7.4%	5.8%	7.5%	-1.60%	1.70%	0.10%
# of Students taking Art	32	34	44	2	10	12
# of Students (total sample)	50	56	51	6	-5	1
% of Students taking Art (of all students)	64%	61%	86%	-3%	25%	22%
Basic Level Art						
Average Basic Art Credits Per Student	1.35	1.3	1.89	-0.05	0.59	0.54
% of Basic Art Credits (of all Art)	93%	95%	91%	2.00%	-4.00%	-2.00%
% of Basic Art Credits (of all depts.)	6.9%	5.5%	6.8%	-1.40%	1.30%	-0.10%
# of Students taking Basic Art	31	34	44	3	10	13
% of Students taking Basic Art (of all students)	62%	61%	86%	-1%	25%	24%
Middle Level Art						
Average Middle Art Credits Per Student	0.10	0.05	0.13	-0.05	0.08	0.03
% of Middle Art Credits (of all Art)	6.9%	3.9%	6.1%	-3.00%	2.20%	-0.80%
% of Middle Art Credits (of all depts.)	.51%	.23%	.46%	-0.28%	0.23%	-0.05%
# of Students taking Middle Art	4	3	7	-1	4	3
% of Students taking Middle Art (of all students)	8.0%	5.4%	14%	-2.6%	8.6%	6%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.00	0.02	0.06	0.02	0.04	0.06
% of Advanced Art Credits (of all Art)	0%	1.3%	2.8%	1.30%	1.50%	2.80%
% of Advanced Art Credits (of all depts.)	0%	.08%	.21%	0.08%	0.13%	0.21%
# of Students taking Advanced Art	0	1	2	1	1	2
% of Students taking Advanced Art (of all students)	0%	1.8%	3.9%	1.8%	2.1%	3.9%
English						
Average English Credits Per Student	4.12	4.51	4.58	0.39	0.07	0.46

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	1982	1985	1988	1982-1985	1985-1988	1982-1988
Average Credits (all departments)	19.75	23.75	27.77	4.00	4.02	8.02
% of English Credits (of all depts.)	21%	19%	16%	-2.00%	-3.00%	-5.00%
# of Students taking English	50	56	51	6	-5	1
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	1.78	2.20	1.40	0.42	-0.80	-0.38
% of Basic English Credits (of all Eng.)	43%	49%	31%	6.00%	-18.00%	-12.00%
% of Basic English Credits (of all depts)	9.0%	9.3%	5.0%	0.30%	-4.30%	-4.00%
# of Students taking Basic English	49	56	51	7	-5	2
% of Students taking Basic English (of all students)	98%	100%	100%	2%	0%	2%
Middle Level English						
Average Middle Eng. Credits Per Student	0.80	0.6	1.14	-0.20	0.54	0.34
% of Middle English Credits (of all Eng.)	19%	13%	25%	-6.00%	12.00%	6.00%
% of Middle Eng. Credits (of all depts.)	4.1%	2.5%	4.1%	-1.60%	1.60%	0.00%
# of Students taking Middle English	39	31	51	-8	20	12
% of Students taking Middle English (of all students)	78%	55%	100%	-23%	45%	22%
Advanced Level English						
Average Adv. English Credits Per Student	1.50	1.55	1.98	0.05	0.43	0.48
% of Adv. English Credits (of all Eng.)	36%	34%	43%	-2.00%	9.00%	7.00%
% of Adv. English Credits (of all depts.)	7.6%	6.5%	7.1%	-1.10%	0.60%	-0.50%
# of Students taking Advanced English	45	55	51	10	-4	6
% of Students taking Advanced English (of all students)	90%	98%	100%	8%	2%	10%
Foreign Language						
Average F. Lang. Credits Per Student	0.58	1.02	1.59	0.44	0.57	1.01

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Average Credits (all departments)	19.75	23.75	27.77	4.00	4.02	8.02
% of F. Lang. Credits (of all depts.)	2.9%	4.3%	5.7%	1.40%	1.40%	2.80%
# of Students taking F. Language	16	31	37	15	6	21
# of Students (total sample)	50	56	51	6	-5	1
% of Students taking F. Language (of all students)	32%	55%	73%	23%	18%	41%
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.42	0.66	0.78	0.24	0.12	0.36
% of Basic F.Lang.Credits (of all F.Lang)	72%	65%	49%	-7.00%	-16.00%	-23.00%
% of Basic F.Lang.Credits (of all depts.)	2.1%	2.8%	2.8%	0.70%	0.00%	0.70%
# of Students taking Basic F.Lang.	16	31	37	15	6	21
% of Students taking Basic F.Lang. (of all students)	32%	55%	73%	23%	18%	41%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.16	0.29	0.47	0.13	0.18	0.31
% of Middle F.Lang.Credits (of all F.Lang)	28%	28%	30%	0.00%	2.00%	2.00%
% of Middle F.Lang.Credits (of all depts)	.81%	1.2%	1.7%	0.39%	0.50%	0.89%
# of Students taking Middle F.Lang.	8	15	23	7	8	15
% of Students taking Middle F.Lang. (of all students)	16%	27%	45%	11%	18%	29%
Advanced Level Foreign Language						
Average Adv. F. Lang. Credits Per Student	0.00	0.07	0.33	0.07	0.26	0.33
% of Adv. F. Lang.Credits (of all F.Lang)	0%	7.0%	21%	7.00%	14.00%	21.00%
% of Adv. F.Lang.Credits (of all depts.)	0%	.30%	1.2%	0.30%	0.90%	1.20%
# of Students taking Adv. F.Lang.	0	4	12	4	8	12
% of Students taking Adv. F.Lang. (of all students)	0%	7.1%	24%	7.1%	16.9%	24%
Personal Skills						
Average Pers. Skills Credits Per Student	1.52	2.18	2.54	0.66	0.36	1.02

Table E1.6 (cont.)

BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	Average Credits 1982	1985	1988	Change in Average Credits 1982-1985	1985-1988	1982-1988
Average Pers. Skills Credits (all depts.)	19.75	23.75	27.77	4.00	4.02	8.02
% of Pers. Skills Credits (of all depts.)	7.7%	9.2%	9.1%	1.50%	-0.10%	1.40%
# of Students taking Pers. Skills	47	56	51	9	-5	4
# of Students (total sample)	50	56	51	6	-5	1
% of Students taking Pers. Skills (of all students)	94%	100%	100%	6%	0%	6%
Basic Level Personal Skills						
Average Basic Pers.S. Credits Per Student	1.45	2.26	2.54	0.81	0.28	1.09
% of Basic Pers.S.Credits (of all P.S.)	96%	104%	100%	8.00%	-4.00%	4.00%
% of Basic Pers.S.Credits (of all depts.)	7.4%	9.5%	9.1%	2.10%	-0.40%	1.70%
# of Students taking Basic Pers. Skills	47	56	51	9	-5	4
% of Students taking Basic Pers. Skills (of all students)	94%	100%	100%	6%	0%	6%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Middle Pers.S.Credits (of all P.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Middle Pers.S.Credits (of all depts)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Middle Pers. Skills	0	0	0	0	0	0
% of Students taking Middle Pers. Skills (of all students)	0%	0%	0%	0%	0%	0%
Advanced Level Personal Skills						
Average Adv. Pers.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Adv.Pers.S. Credits (of all P.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv.Pers.S. Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Adv. Pers. Skills	0	0	0	0	0	0
% of Students taking Adv. Pers. Skills (of all students)	0%	0%	0%	0%	0%	0%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	1982	1985	1988	1982-1985	1985-1988	1982-1988
Social Studies						
Average S.S. Credits Per Student	3.76	4.13	4.86	0.37	0.73	1.10
Average Credits (all departments)	19.75	23.75	27.77	4.00	4.02	8.02
% of S.S.Credits (of all depts.)	19%	17%	18%	-2.00%	1.00%	-1.00%
# of Students taking S.S.	50	56	51	6	-5	1
# of Students (total sample)	50	56	51	6	-5	1
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	3.60	3.61	3.53	0.01	-0.08	-0.07
% of Basic S.S.Credits (of all S.S.)	96%	87%	73%	-9.00%	-14.00%	-23.00%
% of Basic S.S.Credits (of all depts.)	18%	15%	13%	-3.00%	-2.00%	-5.00%
# Of Students taking Basic S.S.	50	56	51	6	-5	1
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.02	0.05	1.00	0.03	0.95	0.98
% of Middle S.S.Credits (of all S.S)	.53%	1.1%	21%	0.57%	19.90%	20.47%
% of Middle S.S.Credits (of all depts.)	.10%	.19%	3.6%	0.09%	3.41%	3.50%
# of Students taking Middle S.S.	1	3	47	2	44	46
% of Students taking Middle S.S. (of all students)	2.0%	5.4%	92%	3.4%	86.6%	90%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.14	0.48	0.33	0.34	-0.15	0.19
% of Adv. S.S.Credits (of all S.S.)	3.7%	12%	6.8%	8.30%	-5.20%	3.10%
% of Adv. S.S. Credits (of all depts.)	.71%	2.0%	1.2%	1.29%	-0.80%	0.49%
# of Students taking Advanced S.S.	6	18	13	12	-5	7
% of Students taking Advanced S.S. (of all students)	12%	32%	25%	20%	-7%	13%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	1982	1985	1988	1982-1985	1985-1988	1982-1988
DISTRICT 9, PENNSYLVANIA						
Art						
Average Art Credits Per Student	0.82	0.48	0.81	-0.34	0.33	-0.01
Average Credits (all departments)	21.29	21.03	21.87	-0.26	0.84	0.58
% of Art Credits (of all depts.)	3.9%	2.3%	3.7%	-1.60%	1.40%	-0.20%
# of Students taking Art	34	24	35	-10	11	1
# of Students (total sample)	49	53	48	4	-5	-1
% of Students taking Art (of all students)	69%	45%	73%	-24%	28%	4%0
Basic Level Art						
Average Basic Art Credits Per Student	0.62	0.35	0.71	-0.27	0.36	0.09
% of Basic Art Credits (of all Art)	75%	73%	88%	-2.00%	15.00%	13.00%
% of Basic Art Credits (of all depts.)	2.9%	1.6%	3.3%	-1.30%	1.70%	0.40%
# of Students taking Basic Art	31	22	31	-9	9	0
% of Students taking Basic Art (of all students)	63%	42%	65%	-21%	23%	2%
Middle Level Art						
Average Middle Art Credits Per Student	0.17	0.04	0.01	-0.13	-0.03	-0.16
% of Middle Art Credits (of all Art)	20%	8.0%	1.2%	-12.00%	-6.80%	-18.80%
% of Middle Art Credits (of all depts.)	.78%	.18%	.05%	-0.60%	-0.13%	-0.73%
# of Students taking Middle Art	7	3	1	-4	-2	-6
% of Students taking Middle Art (of all students)	14%	5.7%	2.1%	-8.3%	-3.6%	-11.9%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.04	0.09	0.08	0.05	-0.01	0.04
% of Advanced Art Credits (of all Art)	5.0%	19%	10%	14.00%	-9.00%	5.00%
% of Advanced Art Credits (of all depts.)	.19%	.44%	.38%	0.25%	-0.06%	0.19%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Advanced Art	8	10	8	2	-2	0
% of Students taking Advanced Art (of all students)	16%	19%	17%	3.00%	-2%	1%
English						
Average English Credits Per Student	5.25	4.82	4.59	-0.43	-0.23	-0.66
Average Credits (all departments)	21.29	21.03	21.87	-0.26	0.84	0.58
% of English Credits (of all depts.)	25%	23%	21%	-2.00%	-2.00%	-4.00%
# of Students taking English	49	53	48	4	-5	-1
# of Students (total sample)	49	53	48	4	-5	-1
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	2.78	2.49	2.20	-0.29	-0.29	-0.58
% of Basic English Credits (of all Eng.)	53%	52%	48%	-1.00%	-4.00%	-5.00%
% of Basic English Credits (of all depts)	13%	12%	10%	-1.00%	-2.00%	-3.00%
# of Students taking Basic English	49	49	47	0	-2	-2
% of Students taking Basic English (of all students)	100%	92%	98%	-8%	6%	-2%
Middle Level English						
Average Middle Eng. Credits Per Student	1.09	0.98	0.99	-0.11	0.01	-0.10
% of Middle English Credits (of all Eng.)	21%	20%	22%	-1.00%	2.00%	1.00%
% of Middle English Credits (of all depts)	5.1%	4.7%	4.5%	-0.40%	-0.20%	-0.60%
# of Students taking Middle English	43	43	43	0	0	0
% of Students taking Middle English (of all students)	88%	81%	90%	-7%	9%	2%
Advanced Level English						
Average Adv. English Credits Per Student	1.37	1.35	1.4	-0.02	0.05	0.03
% of Adv. English Credits (of all Eng.)	26%	28%	30%	2.00%	2.00%	4.00%
% of Adv. English Credits (of all depts.)	6.4%	6.4%	6.4%	0.00%	0.00%	0.00%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	**1982**	**1985**	**1988**	**1982-1985**	**1985-1988**	**1982-1988**
# of Students taking Advanced English	43	41	43	-2	2	0
% of Students taking Advanced English (of all students)	88%	77%	90%	-11%	13%	2%
Foreign Language						
Average F. Lang. Credits Per Student	0.47	0.66	0.77	0.19	0.11	0.30
Average F. Lang. Credits (all depts.)	21.29	21.03	21.87	-0.26	0.84	0.58
% of F. Lang. Credits (of all depts.)	2.2%	3.1%	3.5%	0.90%	0.40%	1.30%
# of Students taking F. Language	47	51	25	4	-26	-22
# of Students (total sample)	49	53	48	4	-5	-1
% of Students taking F. Language (of all students)	96%	96%	52%	0%	-44%	-44%
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.22	0.47	0.46	0.25	-0.01	0.24
% of Basic F.Lang.Credits (of all F.Lang)	48%	71%	59%	23.00%	-12.00%	11.00%
% of Basic F.Lang.Credits (of all depts.)	1.1%	2.2%	2.1%	1.10%	-0.10%	1.00%
# of Students taking Basic F.Lang.	47	51	24	4	-27	-23
% of Students taking Basic F.Lang. (of all students)	96%	96%	50%	0%	-46%	-46%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.20	0.13	0.25	-0.07	0.12	0.05
% of Middle F.Lang.Credits (of all F.Lang)	43%	20%	32%	-23.00%	12.00%	-11.00%
% of Middle F.Lang.Credits (of all depts)	.96%	.63%	1.1%	-0.33%	0.47%	0.14%
# of Students taking Middle F.Lang.	13	10	15	-3	5	2
% of Students taking Middle F.Lang. (of all students)	27%	19%	31%	-8%	12%	4%
Advanced Level Foreign Language						
Average Adv. F. Lang. Credits Per Student	0.04	0.06	0.06	0.02	0.00	0.02
% of Adv. F.Lang.Credits (of all F.Lang)	8.7%	8.7%	8.2%	0.00%	-0.50%	-0.50%

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Adv. F.Lang.Credits (of all depts.)	.19%	.27%	.29%	0.08%	0.02%	0.10%
# of Students taking Adv. F.Lang.	2	2	3	0	1	1
% of Students taking Adv. F.Lang. (of all students)	4.1%	3.8%	6.3%	-0.3%	2.5%	2.2%
Personal Skills						
Average Pers. Skills Credits Per Student	3.0	3.71	2.77	0.71	-0.94	-0.23
Average Pers. Skills Credits (all depts.)	21.29	21.03	21.87	-0.26	0.84	0.58
% of Pers. Skills Credits (of all depts.)	14%	18%	13%	4.00%	-5.00%	-1.00%
# of Students taking Pers. Skills	43	52	48	9	-4	5
# of Students (total sample)	49	53	48	4	-5	-1
% of Students taking Pers. Skills (of all students)	88%	98%	100%	10%	2%	12%
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	2.68	2.88	2.45	0.20	-0.43	-0.23
% of Basic Pers.S.Credits (of all P.S.)	89%	78%	89%	-11.00%	11.00%	0.00%
% of Basic Pers.S.Credits (of all depts.)	13%	14%	11%	1.00%	-3.00%	-2.00%
# of Students taking Basic Pers. Skills	43	50	48	7	-2	5
% of Students taking Basic Pers. Skills (of all students)	88%	94%	100%	6%	6%	12%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.19	0.24	0.12	0.05	-0.12	-0.07
% of Middle Pers.S.Credits (of all P.S.)	6.5%	6.5%	4.2%	0.00%	-2.30%	-2.30%
% of Middle Pers.S.Credits (of all depts)	.91%	1.1%	.53%	0.19%	-0.57%	-0.38%
# of Students taking Middle Pers. Skills	19	21	11	2	-10	-8
% of Students taking Middle Pers. Skills (of all students)	39%	40%	23%	1%	-17%	-16%
Advanced Level Personal Skills						
Average Adv. Pers.S.Credits Per Student	0.02	0.00	0.01	-0.02	0.01	-0.01

Table E1.6 (cont.)

	Average Credits			Change in Average Credits		
BY DISTRICT **Art, English, Foreign Language, Personal Skills and Social Studies Courses**	**1982**	**1985**	**1988**	**1982-1985**	**1985-1988**	**1982-1988**
% of Adv.Pers.S.Credits (of all P.S.)	.67%	0%	.36%	-0.67%	0.36%	-0.31%
% of Adv.Pers.S.Credits (of all depts.)	.09%	0%	.05%	-0.09%	0.05%	-0.04%
# of Students taking Adv. Pers. Skills	2	0	2	-2	2	0
% of Students taking Adv. Pers. Skills (of all students)	4.1%	0%	4.2%	-4.1%	4.2%	0.1%
Social Studies						
Average S.S. Credits Per Student	2.95	2.77	3.24	-0.18	0.47	0.29
Average Credits (all departments)	21.29	21.03	21.87	-0.26	0.84	0.58
% of S.S.Credits (of all depts.)	14%	13%	15%	-1.00%	2.00%	1.00%
# of Students taking S.S.	49	53	48	4	-5	-1
# of Students (total sample)	49	53	48	4	-5	-1
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	2.81	2.72	3.02	-0.09	0.30	0.21
% of Basic S.S.Credits (of all S.S.)	95%	98%	93%	3.00%	-5.00%	-2.00%
% of Basic S.S.Credits (of all depts.)	13%	13%	14%	0.00%	1.00%	1.00%
# of Students taking Basic S.S.	49	53	48	4	-5	-1
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.00	0.02	0.00	0.02	-0.02	0.00
% of Middle S.S.Credits (of all S.S)	0%	.69%	0%	0.69%	-0.69%	0.00%
% of Middle S.S.Credits (of all depts.)	0%	.09%	0%	0.09%	-0.09%	0.00%
# of Students taking Middle S.S.	0	1	0	1	-1	0
% of Students taking Middle S.S. (of all students)	0%	1.9%	0%	1.9%	-1.9%	0%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.12	0.02	0.19	-0.10	0.17	0.07

Table E1.6 (cont.)

BY DISTRICT Art, English, Foreign Language, Personal Skills and Social Studies Courses	Average Credits 1982	1985	1988	Change in Average Credits 1982-1985	1985-1988	1982-1988
% of Adv. S.S.Credits (of all S.S.)	4.1%	.69%	5.8%	-3.41%	5.11%	1.70%
% of Adv. S.S. Credits (of all depts.)	.57%	.09%	.86%	-0.48%	0.77%	0.29%
# of Students taking Advanced S.S.	7	2	8	-5	6	1
% of Students taking Advanced S.S. (of all students)	14%	3.8%	17%	-10.2%	13.2%	3%

TABLE E1.7

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
HIGH SCHOOL 1, DISTRICT 1, CALIFORNIA						
Math						
Average Math Credits Per Student	2.44	2.64	3.02	0.20	0.38	0.58
Average Credits (all departments)	19.78	20.05	21.72	0.27	1.67	1.94
% of Math Credits (of all depts.)	12%	13%	14%	1.00%	1.00%	2.00%
# of Students taking Math	36	29	24	-7	-5	-12
# of Students (total sample)	36	29	24	-7	-5	-12
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	0.81	1.14	0.69	0.33	-0.45	-0.12
% Basic Math Credits (of all Math)	33%	43%	23%	10.00%	-20.00%	-10.00%
% of Basic Math Credits (of all depts.)	4.1%	5.7%	3.2%	1.60%	-2.50%	-0.90%
# of Students taking Basic Math	16	20	12	4	-8	-4
% of Students taking Basic Math (of all students)	44%	69%	50%	25%	-19%	6%
Middle Level Math						
Average Middle Math Credits per Student	0.6	1.02	1.37	0.42	0.35	0.77
% of Middle Math Credits (of all Math)	25%	39%	45%	14.00%	6.00%	20.00%
% of Middle Math Credits (of all depts.)	3.0%	5.1%	6.3%	2.10%	1.20%	3.30%
# of Students taking Middle Math	18	23	23	5	0	5
% of Students taking Middle Math (of all students)	50%	79%	96%	29%	17%	46%
Advanced Level Math						
Average Advanced Math Credits per Student	1.04	0.48	0.96	-0.56	0.48	-0.08
% Adv. Math Credits (of all Math)	43%	18%	32%	-25.00%	14.00%	-11.00%
% of Adv. Math Credits (of all depts.)	5.3%	2.4%	4.4%	-2.90%	2.00%	-0.90%
# of Students taking Advanced Math	25	16	9	-9	-7	-16

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Advanced Math (of all students)	69%	55%	36%	-14%	-19%	-33%
Science						
Average Science Credits Per Student	1.42	1.43	2.29	0.01	0.86	0.87
Average Credits (all departments)	19.78	20.05	21.72	0.27	1.67	1.94
% of Science Credits (of all depts.)	7.2%	7.1%	11%	-0.10%	3.90%	3.80%
# of Students taking Science	34	27	23	-7	-4	-11
# of Students (total sample)	36	29	24	-7	-5	-14
% of Students taking Science (of all students)	94%	93%	96%	-1%	3%	2%
Basic Level Science						
Average Basic Science Credits per Student	0.99	0.93	1.50	-0.06	0.57	0.51
% Basic Science Credits (of all Science)	70%	65%	66%	-5.00%	1.00%	-4.00%
% of Basic Science Credits (of all depts.)	5.0%	4.6%	6.9%	-0.40%	2.30%	1.90%
# of Students taking Basic Science	33	26	23	-7	-3	-10
% of Students taking Basic Science (of all students)	92%	90%	96%	-2%	6%	4%
Middle Level Science						
Average Middle Science Credits per Student	0.35	0.38	0.38	0.03	0.00	0.03
% of Middle Science Credits (of all Science)	25%	27%	17%	2.00%	-10.00%	-8.00%
% of Middle Science Credits (of all depts.)	1.8%	1.9%	1.7%	0.10%	-0.20%	-0.10%
# of Students taking Middle Science	15	12	10	-3	-2	-5
% of Students taking Middle Science (of all students)	42%	41%	42%	-1%	1%	0%
Advanced Level Science						
Average Advanced Science Credits per Student	0.08	0.12	0.42	0.04	0.30	0.34
% Adv. Science Credits (of all Science)	5.6%	8.4%	18%	2.80%	9.60%	12.40%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Adv. Science Credits (of all depts.)	.40%	.60%	1.9%	0.20%	1.30%	1.50%
# of Students taking Advanced Science	3	4	6	1	2	3
% of Students taking Advanced Science (of all students)	8.3%	14%	25%	5.7%	11%	16.7%
Vocational						
Average Vocational Credits Per Student	3.72	3.60	3.41	-0.12	-0.19	-0.31
Average Credits (all departments)	19.78	20.05	21.72	0.27	1.67	1.94
% of Vocational Credits (of all depts.)	19%	18%	16%	-1.00%	-2.00%	-3.00%
# of Students taking Vocational	32	26	24	-6	-2	-8
# of Students (total sample)	36	29	24	-7	-5	-12
% of Students taking Vocational (of all students)	89%	90%	100%	1%	10%	11%
Basic Level Vocational						
Average Basic Voc. Credits per Student	3.15	3.14	3.08	-0.01	-0.06	-0.07
% Basic Vocational Credits (of all Voc.)	85%	87%	90%	2.00%	3.00%	5.00%
% of Basic Vocational Credits (of all depts.)	16%	16%	14%	0.00%	-2.00%	-2.00%
# of Students taking Basic Vocational	32	26	24	-6	-2	-8
% of Students taking Basic Vocational (of all students)	89%	90%	100%	1%	10%	11%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.40	0.47	0.33	0.07	-0.14	-0.07
% of Middle Vocational Credits (of all Voc)	11%	13%	10%	2.00%	-3.00%	-1.00%
% of Middle Vocational Credits (of all depts.)	2.0%	2.3%	1.5%	0.30%	-0.80%	-0.50%
# of Students taking Middle Vocational	13	10	8	-3	-2	-5
% of Students taking Middle Vocational (of all students)	36%	34%	33%	-2%	-1%	-3%

Table E1.7 (cont.)

BY SCHOOL Math, Science and Vocational Courses	Average Credits 1982	 1985	 1988	Change in Average Credits 1982-1985	 1985-1988	 1982-1988
Advanced Level Vocational						
Average Advanced Vocational Credits per Student	0.17	0.000	0.000	-0.17	0.00	-0.17
% Adv. Voc. Credits (of all Voc.)	4.6%	0%	0%	-4.60%	0.00%	-4.60%
% of Adv. Vocational Credits (of all depts.)	.86%	0%	0%	-0.86%	0.00%	-0.86%
# of Students taking Advanced Vocational	4	0	0	-4	0	-4
% of Students taking Advanced Vocational (of all students)	11%	0%	0%	-11%	0%	-11%
HIGH SCHOOL 2, DISTRICT 1, CALIFORNIA						
Math						
Average Math Credits Per Student	2.66	2.64	2.54	-0.02	-0.10	-0.12
Average Credits (all departments)	19.06	20.92	21.58	1.86	0.66	2.52
% of Math Credits (of all depts.)	14%	13%	12%	-1.00%	-1.00%	-2.00%
# of Students taking Math	27	23	26	-4	3	-1
# of Students (total sample)	27	23	26	-4	3	-1
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	1.06	0.75	0.48	-0.31	-0.27	-0.58
% Basic Math Credits (of all Math)	40%	28%	19%	-12.00%	-9.00%	-21.00%
% of Basic Math Credits (of all depts.)	5.6%	3.6%	2.2%	-2.00%	-1.40%	-3.40%
# of Students taking Basic Math	19	12	10	-7	-2	-9
% of Students taking Basic Math (of all students)	70%	52%	38%	-18%	-14%	-32%
Middle Level Math						
Average Middle Math Credits per Student	0.72	0.72	1.1	0.00	0.38	0.38
% of Middle Math Credits (of all Math)	27%	27%	43%	0.00%	16.00%	16.00%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Middle Math Credits (of all depts.)	3.8%	3.4%	5.1%	-0.40%	1.70%	1.30%
# of Students taking Middle Math	16	14	26	-2	12	10
% of Students taking Middle Math (of all students)	59%	61%	100%	2%	39%	41%
Advanced Level Math						
Average Advanced Math Credits per Student	0.87	1.17	0.96	0.30	-0.21	0.09
% Adv. Math Credits (of all Math)	33%	44%	38%	11.00%	-6.00%	5.00%
% of Adv. Math Credits (of all depts.)	4.6%	5.6%	4.5%	1.00%	-1.10%	-0.10%
# of Students taking Advanced Math	17	15	17	-2	2	0
% of Students taking Advanced Math (of all students)	63%	65%	65%	2%	0%	2%
Science						
Average Science Credits Per Student	1.20	1.48	2.04	0.28	0.56	0.84
Average Credits (all departments)	19.06	20.92	21.58	1.86	0.66	2.52
% of Science Credits (of all depts.)	7.3%	7.1%	9.5%	-0.20%	2.40%	2.20%
# of Students taking Science	22	21	26	-1	5	4
# of Students (total sample)	27	23	26	-4	3	-1
% of Students taking Science (of all students)	81%	91%	100%	10%	9%	19%
Basic Level Science						
Average Basic Science Credits per Student	0.87	0.87	0.92	0.00	0.05	0.05
% Basic Science Credits (of all Science)	73%	59%	45%	-14.00%	-14.00%	-28.00%
% of Basic Science Credits (of all depts.)	5.0%	4.2%	4.3%	-0.80%	0.10%	-0.70%
# of Students taking Basic Science	19	21	26	2	4	7
% of Students taking Basic Science (of all students)	70%	91%	100%	21%	9%	30%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Middle Level Science						
Average Middle Science Credits per Student	0.22	0.57	0.77	0.35	0.20	0.55
% of Middle Science Credits (of all Science)	18%	39%	38%	21.00%	-1.00%	20.00%
% of Middle Science Credits (of all depts.)	1.2%	2.7%	3.6%	1.50%	0.90%	2.40%
# of Students taking Middle Science	7	14	18	7	4	11
% of Students taking Middle Science (of all students)	26%	61%	69%	35%	8%	30%
Advanced Level Science						
Average Advanced Science Credits per Student	0.11	0.04	0.35	-0.07	0.31	0.24
% Adv. Science Credits (of all Science)	9.2%	2.7%	17%	-6.50%	14.30%	7.80%
% of Adv. Science Credits (of all depts.)	0.58%	0.19%	1.6%	-0.39%	1.41%	1.02%
# of Students taking Advanced Science	3	2	11	-1	9	8
% of Students taking Advanced Science (of all students)	11%	9%	42%	-2%	33%	31%
Vocational						
Average Vocational Credits Per Student	3.91	4.57	3.47	0.66	-1.10	-0.44
Average Credits (all departments)	19.06	20.92	21.58	1.86	0.66	2.52
% of Vocational Credits (of all depts.)	21%	22%	16%	1.00%	-6.00%	-5.00%
# of Students taking Vocational	27	23	26	-4	3	-1
# of Students (total sample)	27	23	26	-4	3	-1
% of Students taking Vocational (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Vocational						
Average Basic Voc. Credits per Student	3.64	4.12	3.06	0.48	-1.06	-0.58
% Basic Vocational Credits (of all Voc)	93%	90%	88%	-3.00%	-2.00%	-5.00%
% of Basic Voc. Credits (of all depts.)	19%	20%	14%	1.00%	-6.00%	-5.00%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Basic Vocational	27	23	26	-4	3	-1
% of Students taking Basic Vocational (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.28	0.37	0.25	0.09	-0.12	-0.03
% of Middle Voc. Credits (of all Voc.)	7.1%	8.1%	7.2%	1.00%	-0.90%	0.10%
% of Middle Voc. Credits (of all depts.)	1.5%	1.8%	1.2%	0.30%	-0.60%	-0.30%
# of Students taking Middle Vocational	7	9	9	2	0	2
% of Students taking Middle Vocational (of all students)	26%	39%	35%	13%	-4%	9%
Advanced Level Vocational						
Average Advanced Voc. Credits per Student	0.000	0.09	0.15	0.09	0.06	0.15
% Adv. Voc. Credits (of all Voc.)	0%	2.0%	4.3%	2.00%	2.30%	4.30%
% of Adv. Voc. Credits (of all depts.)	0%	.43%	.71%	0.43%	0.28%	0.71%
# of Students taking Advanced Vocational	0	2	4	2	2	4
% of Students taking Advanced Vocational (of all students)	0%	8.7%	15.4%	8.7%	6.7%	15.4%
HIGH SCHOOL 3, DISTRICT 2, CALIFORNIA						
Math						
Average Math Credits Per Student	2.41	2.79	2.64	0.38	-0.15	0.23
Average Credits (all departments)	22.27	22.42	22.58	0.15	0.16	0.31
% of Math Credits (of all depts.)	11%	12%	12%	1.00%	0.00%	1.00%
# of Students taking Math	36	26	31	-10	5	-5
# of Students (total sample)	36	26	31	-10	5	-5
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Basic Level Math						
Average Basic Math Credits per Student	0.6	0.85	0.46	0.25	-0.39	-0.14
% Basic Math Credits (of all Math)	25%	30%	17%	5.00%	-13.00%	-8.00%
% of Basic Math Credits (of all depts.)	2.7%	3.8%	2.0%	1.10%	-1.80%	-0.70%
# of Students taking Basic Math	15	18	14	3	-4	-1
% of Students taking Basic Math (of all students)	42%	69%	45%	27%	-24%	3%
Middle Level Math						
Average Middle Math Credits per Student	0.13	0.40	0.65	0.27	0.25	0.52
% of Middle Math Credits (of all Math)	5.2%	14%	25%	8.80%	11.00%	19.80%
% of Middle Math Credits (of all depts.)	.58%	1.8%	2.9%	1.22%	1.10%	2.32%
# of Students taking Middle Math	5	14	22	9	8	17
% of Students taking Middle Math (of all students)	14%	54%	71%	40%	17%	57%
Advanced Level Math						
Average Advanced Math Credits per Student	1.69	1.46	1.52	-0.23	0.06	-0.17
% Adv. Math Credits (of all Math)	70%	52%	58%	-18.00%	6.00%	-12.00%
% of Adv. Math Credits (of all depts.)	7.6%	6.5%	6.7%	-1.10%	0.20%	-0.90%
# of Students taking Advanced Math	31	22	29	-9	7	-2
% of Students taking Advanced Math (of all students)	86%	85%	94%	-1%	9%	8%
Science						
Average Science Credits Per Student	1.26	1.33	2.2	0.07	0.87	0.94
Average Credits (all departments)	22.27	22.42	22.58	0.15	0.16	0.31
% of Science Credits (of all depts.)	5.7%	5.9%	9.7%	0.20%	3.80%	4.00%
# of Students taking Science	35	26	31	-9	5	-4

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students (total sample)	36	26	31	-10	5	-5
% of Students taking Science (of all students)	97%	100%	100%	3%	0%	3%
Basic Level Science						
Average Basic Science Credits per Student	0.43	0.49	1.15	0.06	0.66	0.72
% Basic Science Credits (of all Science)	34%	37%	52%	3.00%	15.00%	18.00%
% of Basic Science Credits (of all depts.)	1.9%	2.2%	5.1%	0.30%	2.90%	3.20%
# of Students taking Basic Science	18	14	29	-4	15	11
% of Students taking Basic Science (of all students)	50%	54%	94%	4%	40%	44%
Middle Level Science						
Average Middle Science Credits per Student	0.74	0.65	0.76	-0.09	0.11	0.02
% of Middle Science Credits (of all Science)	59%	49%	35%	-10.00%	-14.00%	-24.00%
% of Middle Science Credits (of all depts.)	3.3%	2.9%	3.4%	-0.40%	0.50%	0.10%
# of Students taking Middle Science	24	16	23	-8	7	-1
% of Students taking Middle Science (of all students)	67%	62%	74%	-5%	12%	7%
Advanced Level Science						
Average Advanced Science Credits per Student	0.08	0.18	0.29	0.10	0.11	0.21
% Adv. Science Credits (of all Science)	6.3%	14%	13%	7.70%	-1.00%	6.70%
% of Adv. Science Credits (of all depts.)	.36%	.80%	1.3%	0.44%	0.50%	0.94%
# of Students taking Advanced Science	5	5	13	0	8	8
% of Students taking Advanced Science (of all students)	14%	19%	42%	5%	23%	28%
Vocational						
Average Vocational Credits Per Student	4.60	4.51	4.23	-0.09	-0.28	-0.37
Average Credits (all departments)	22.27	22.42	22.58	0.15	0.16	0.31

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Vocational Credits (of all depts.)	21%	20%	19%	-1.00%	-1.00%	-2.00%
# of Students taking Vocational	36	26	31	-10	5	-5
# of Students (total sample)	36	26	31	-10	5	-5
% of Students taking Vocational (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Vocational						
Average Basic Voc. Credits per Student	4.15	3.95	3.56	-0.20	-0.39	-0.59
% Basic Vocational Credits (of all Voc.)	90%	88%	84%	-2.00%	-4.00%	-6.00%
% of Basic Vocational Credits (of all depts.)	19%	18%	16%	-1.00%	-2.00%	-3.00%
# of Students taking Basic Vocational	36	26	31	-10	5	-5
% of Students taking Basic Vocational (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.35	0.50	0.66	0.15	0.16	0.31
% of Middle Voc. Credits (of all Voc.)	7.6%	11%	16%	3.20%	5.00%	8.20%
% of Middle Voc. Credits (of all depts.)	1.6%	2.2%	2.9%	0.60%	0.70%	1.30%
# of Students taking Middle Vocational	10	16	21	6	5	11
% of Students taking Middle Vocational (of all students)	28%	62%	68%	34%	6%	40%
Advanced Level Vocational						
Average Advanced Voc. Credits per Student	0.11	0.06	0.02	-0.05	-0.04	-0.09
% Adv. Vocational Credits (of all Voc.)	2.4%	1.3%	.47%	-1.10%	-0.83%	-1.93%
% of Adv. Vocational Credits (of all depts.)	.49%	.27%	.09%	-0.22%	-0.18%	-0.40%
# of Students taking Advanced Vocational	5	2	1	-3	-1	-4
% of Students taking Advanced Vocational (of all students)	14%	7.7%	3.2%	-6.3%	-4.5%	-10.8%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
HIGH SCHOOL 4, DISTRICT 3, CALIFORNIA						
Math						
Average Math Credits Per Student	3.75	4.13	3.70	0.38	-0.43	-0.05
Average Credits (all departments)	24.83	25.82	23.55	0.99	-2.27	-1.28
% of Math Credits (of all depts.)	15%	16%	16%	1.00%	0.00%	1.00%
# of Students taking Math	28	27	25	-1	-2	-3
# of Students (total sample)	28	27	25	-1	-2	-3
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	1.56	1.02	0.32	-0.54	-0.70	-1.24
% Basic Math Credits (of all Math)	42%	25%	9%	-17.00%	-16.00%	-33.00%
% of Basic Math Credits (of all depts.)	6.3%	4.0%	1.4%	-2.30%	-3.40%	-4.90%
# of Students taking Basic Math	26	17	7	-9	-10	-19
% of Students taking Basic Math (of all students)	93%	63%	28%	-30%	-35%	-65%
Middle Level Math						
Average Middle Math Credits per Student	1.07	1.34	1.60	0.27	0.26	0.53
% of Middle Math Credits (of all Math)	29%	32%	43%	3.00%	11.00%	14.00%
% of Middle Math Credits (of all depts.)	4.3%	5.2%	6.8%	0.90%	1.60%	2.50%
# of Students taking Middle Math	23	25	24	2	-1	1
% of Students taking Middle Math (of all students)	82%	93%	96%	11%	3%	14%
Advanced Level Math						
Average Advanced Math Credits per Student	1.05	1.78	1.74	0.73	-0.04	0.69
% Adv. Math Credits (of all Math)	28%	43%	47%	15.00%	4.00%	19.00%
% of Adv. Math Credits (of all depts.)	4.2%	6.9%	7.4%	2.70%	0.50%	3.20%

Table E1.7 (cont.)

BY SCHOOL Math, Science and Vocational Courses	Average Credits 1982	1985	1988	Change in Average Credits 1982-1985	1985-1988	1982-1988
# of Students taking Advanced Math	20	22	17	2	-5	-3
% of Students taking Advanced Math (of all students)	71%	81%	68%	10%	-13%	-3%
Science						
Average Science Credits Per Student	1.93	2.15	2.64	0.22	0.49	0.71
Average Credits (all departments)	24.83	25.82	23.55	0.99	-2.27	-1.28
% of Science Credits (of all depts.)	7.8%	8.3%	11%	0.50%	2.70%	3.20%
# of Students taking Science	28	27	25	-1	-2	-3
# of Students (total sample)	28	27	25	-1	-2	-3
% of Students taking Science (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Science						
Average Basic Science Credits per Student	0.48	0.28	1.40	-0.20	1.12	0.92
% Basic Science Credits (of all Science)	25%	13%	53%	-12.00%	40.00%	28.00%
% of Basic Science Credits (of all depts.)	1.9%	1.1%	5.9%	-0.80%	4.80%	4.00%
# of Students taking Basic Science	15	9	24	-6	15	9
% of Students taking Basic Science (of all students)	54%	33%	96%	-21%	63%	42%
Middle Level Science						
Average Middle Science Credits per Student	1.21	1.63	0.88	0.42	-0.75	-0.33
% of Middle Science Credits (of all Science)	63%	76%	33%	13.00%	-43.00%	-30.00%
% of Middle Science Credits (of all depts.)	4.9%	6.3%	3.7%	1.40%	-2.60%	-1.20%
# of Students taking Middle Science	20	25	20	5	-5	0
% of Students taking Middle Science (of all students)	71%	93%	80%	22%	-13%	9%
Advanced Level Science						
Average Advanced Science Credits per Student	0.22	0.24	0.22	0.02	-0.02	0.00

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% Adv. Science Credits (of all Science)	11%	11%	8.3%	0.00%	-2.70%	-2.70%
% of Adv. Science Credits (of all depts.)	.89%	.93%	.93%	0.04%	0.00%	0.04%
# of Students taking Advanced Science	6	7	7	1	0	1
% of Students taking Advanced Science (of all students)	21%	26%	28%	5%	2%	7%
Vocational						
Average Vocational Credits Per Student	4.63	4.11	2.53	-0.52	-1.58	-2.10
Average Credits (all departments)	24.83	25.82	23.55	0.99	-2.27	-1.28
% of Vocational Credits (of all depts.)	19%	16%	11%	-3.00%	-5.00%	-8.00%
# of Students taking Vocational	28	26	25	-2	-1	-3
# of Students (total sample)	28	27	25	-1	-2	-3
% of Students taking Vocational (of all students)	100%	96%	100%	-4%	4%	0%
Basic Level Vocational						
Average Basic Voc. Credits per Student	4.02	3.57	2.53	-0.45	-1.04	-1.49
% Basic Voc. Credits (of all Voc.)	87%	87%	100%	0.00%	13.00%	13.00%
% of Basic Vocational Credits (of all depts.)	16%	14%	11%	-2.00%	-3.00%	-5.00%
# of Students taking Basic Vocational	28	26	25	-2	-1	-3
% of Students taking Basic Vocational (of all students)	100%	96%	100%	-4%	4%	0%
Middle Level Vocational						
Average Middle Voc. Credits per Student	0.46	0.54	0.00	0.08	-0.54	-0.46
% of Middle Voc. Credits (of all Voc.)	10%	13%	0%	3.00%	-13.00%	-10.00%
% of Middle Voc. Credits (of all depts.)	1.9%	2.1%	0%	0.20%	-2.10%	-1.90%
# of Students taking Middle Vocational	9	11	0	2	-11	-9
% of Students taking Middle Vocational (of all students)	32%	41%	0%	9%	-41%	-32%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Advanced Level Vocational						
Average Advanced Voc. Credits per Student	0.14	0.00	0.00	-0.14	0.00	-0.14
% Adv. Vocational Credits (of all Voc.)	3.0%	0%	0%	-3.00%	0.00%	-3.00%
% of Adv. Voc. Credits (of all depts.)	.56%	0%	0%	-0.56%	0.00%	-0.56%
# of Students taking Advanced Vocational	3	0	0	-3	0	-3
% of Students taking Advanced Vocational (of all students)	11%	0%	0%	-11%	0%	-11%
HIGH SCHOOL 5, DISTRICT 4, FLORIDA						
Math						
Average Math Credits Per Student	3.63	3.71	3.88	0.08	0.17	0.25
Average Credits (all departments)	24.20	23.44	25.44	-0.76	2.00	1.24
% of Math Credits (of all depts.)	15%	16%	15%	1.00%	-1.00%	0.00%
# of Students taking Math	25	25	25	0	0	0
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	0.68	0.53	0.70	-0.15	0.17	0.02
% Basic Math Credits (of all Math)	19%	14%	18%	-5.00%	4.00%	-1.00%
% of Basic Math Credits (of all depts.)	2.8%	2.3%	2.8%	-0.50%	0.50%	0.00%
# of Students taking Basic Math	16	15	13	-1	-2	-3
% of Students taking Basic Math (of all students)	64%	60%	52%	-4%	-8%	-12%
Middle Level Math						
Average Middle Math Credits per Student	1.49	1.28	1.04	-0.21	-0.24	-0.45
% of Middle Math Credits (of all Math)	41%	35%	27%	-6.00%	-8.00%	-14.00%
% of Middle Math Credits (of all depts.)	6.2%	5.5%	4.1%	-0.70%	-1.40%	-2.10%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Middle Math	24	20	16	-4	-4	-8
% of Students taking Middle Math (of all students)	96%	80%	64%	-16%	-16%	-32%
Advanced Level Math						
Average Advanced Math Credits per Student	1.44	1.90	2.12	0.46	0.22	0.68
% Adv. Math Credits (of all Math)	40%	51%	55%	11.00%	4.00%	15.00%
% of Adv. Math Credits (of all depts.)	6.0%	8.1%	8.3%	2.10%	0.20%	2.30%
# of Students taking Advanced Math	15	20	19	5	-1	4
% of Students taking Advanced Math (of all students)	60%	80%	76%	20%	-4%	16%
Science						
Average Science Credits Per Student	2.51	2.92	3.32	0.41	0.40	0.81
Average Credits (all departments)	24.20	23.44	25.44	-0.76	2.00	1.24
% of Science Credits (of all depts.)	10%	12%	13%	2.00%	1.00%	3.00%
# of Students taking Science	25	25	25	0	0	0
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Science (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Science						
Average Basic Science Credits per Student	1.52	1.90	1.86	0.38	-0.04	0.34
% Basic Science Credits (of all Science)	61%	65%	56%	4.00%	-9.00%	-5.00%
% of Basic Science Credits (of all depts.)	6.3%	8.1%	7.3%	1.80%	-0.80%	1.00%
# of Students taking Basic Science	25	24	21	-1	-3	-4
% of Students taking Basic Science (of all students)	100%	96%	84%	-4%	-12%	-16%
Middle Level Science						
Average Middle Science Credits per Student	0.24	0.28	0.42	0.04	0.14	0.18

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Middle Science Credits (of all Science)	10%	10%	13%	0.00%	3.00%	3.00%
% of Middle Science Credits (of all depts.)	1.0%	1.2%	1.7%	0.20%	0.50%	0.70%
# of Students taking Middle Science	6	8	11	2	3	5
% of Students taking Middle Science (of all students)	24%	32%	44%	8%	12%	20%
Advanced Level Science						
Average Advanced Science Credits per Student	0.75	0.72	1.04	-0.03	0.32	0.29
% Adv. Science Credits (of all Science)	30%	25%	31%	-5.00%	6.00%	1.00%
% of Adv. Science Credits (of all depts.)	3.1%	3.1%	4.1%	0.00%	1.00%	1.00%
# of Students taking Advanced Science	14	15	13	1	-2	-1
% of Students taking Advanced Science (of all students)	56%	60%	52%	4%	-8%	-4%
Vocational						
Average Vocational Credits Per Student	4.46	4.85	4.38	0.39	-0.47	-0.08
Average Credits (all departments)	24.20	23.44	25.44	-0.76	2.00	1.24
% of Vocational Credits (of all depts.)	18%	21%	17%	3.00%	-4.00%	-1.00%
# of Students taking Vocational	25	25	25	0	0	0
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Vocational (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Vocational						
Average Basic Vocational Credits per Student	3.93	4.53	4.22	0.60	-0.31	0.29
% Basic Vocational Credits (of all Voc.)	88%	93%	96%	5.00%	3.00%	8.00%
% of Basic Vocational Credits (of all depts.)	16%	19%	17%	3.00%	-2.00%	1.00%
# of Students taking Basic Vocational	24	25	25	1	0	1

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Basic Vocational (of all students)	96%	100%	100%	4%	0%	4%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.53	0.30	0.10	-0.23	-0.20	-0.43
% of Middle Vocational Credits (of all Voc.)	12%	6.2%	2.3%	-5.80%	-3.90%	-9.70%
% of Middle Voc. Credits (of all depts.)	2.2%	1.3%	.39%	-0.90%	-0.91%	-1.81%
# of Students taking Middle Vocational	13	5	7	-8	2	-6
% of Students taking Middle Vocational (of all students)	52%	20%	28%	-32%	8%	-24%
Advanced Level Vocational						
Average Advanced Voc. Credits per Student	0.00	0.02	0.00	0.02	-0.02	0.00
% Adv. Vocational Credits (of all Voc.)	0%	.41%	0%	0.41%	-0.41%	0.00%
% of Adv. Vocational Credits (of all depts.)	0%	0.09%	0%	0.00%	0.00%	0.00%
# of Students taking Advanced Vocational	0	1	0	1	-1	0
% of Students taking Advanced Vocational (of all students)	0%	4%	0%	4%	-4%	0%
HIGH SCHOOL 6, DISTRICT 4, FLORIDA						
Math						
Average Math Credits Per Student	2.80	3.57	3.52	0.77	-0.05	0.72
Average Credits (all departments)	20.38	23.59	23.6	3.21	0.01	3.22
% of Math Credits (of all depts.)	14%	15%	15%	1.00%	0.00%	1.00%
# of Students taking Math	28	27	26	-1	-1	-2
# of Students (total sample)	28	27	26	-1	-1	-2
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Basic Level Math						
Average Basic Math Credits per Student	1.09	1.35	0.31	0.26	-1.04	-0.78
% Basic Math Credits (of all Math)	39%	38%	8.8%	-1.00%	-29.20%	-30.20%
% of Basic Math Credits (of all depts.)	5.3%	5.7%	1.3%	0.40%	-4.40%	-4.00%
# of Students taking Basic Math	22	21	7	-1	-14	-15
% of Students taking Basic Math (of all students)	79%	78%	27%	-1%	-51%	-52%
Middle Level Math						
Average Middle Math Credits per Student	0.96	0.8	1.67	-0.16	0.87	0.71
% of Middle Math Credits (of all Math)	34%	22%	47%	-12.00%	25.00%	13.00%
% of Middle Math Credits (of all depts.)	4.7%	3.4%	7.1%	-1.30%	3.70%	2.40%
# of Students taking Middle Math	20	18	20	-2	2	0
% of Students taking Middle Math (of all students)	71%	67%	77%	-4%	-10%	46%
Advanced Level Math						
Average Advanced Math Credits per Student	0.73	1.39	1.37	0.66	-0.02	0.64
% Adv. Math Credits (of all Math)	26%	39%	39%	13.00%	0.00%	13.00%
% of Adv. Math Credits (of all depts.)	3.6%	5.9%	5.8%	2.30%	-0.10%	2.20%
# of Students taking Advanced Math	14	18	14	4	4	0
% of Students taking Advanced Math (of all students)	50%	67%	54%	17%	-13%	4%
Science						
Average Science Credits Per Student	1.66	2.91	3.15	1.25	0.24	1.49
Average Credits (all departments)	20.38	23.59	23.6	3.21	0.01	3.22
% of Science Credits (of all depts.)	8.1%	12%	13%	3.90%	1.00%	4.90%
# of Students taking Science	27	27	26	0	-1	-1

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students (total sample)	28	27	26	-1	-1	-2
% of Students taking Science (of all students)	96%	100%	100%	4%	0%	4%
Basic Level Science						
Average Basic Science Credits per Student	1.2	1.76	2.31	0.56	0.55	1.11
% Basic Science Credits (of all Science)	72%	60%	73%	-12.00%	13.00%	1.00%
% of Basic Science Credits (of all depts.)	5.9%	7.5%	9.8%	1.60%	2.30%	3.90%
# of Students taking Basic Science	24	23	25	-1	2	1
% of Students taking Basic Science (of all students)	86%	85%	96%	-1%	11%	10%
Middle Level Science						
Average Middle Science Credits per Student	0.07	0.3	0.04	0.23	-0.26	-0.03
% of Middle Science Credits (of all Science)	4.2%	10%	1.3%	5.80%	-8.70%	-2.90%
% of Middle Science Credits (of all depts.)	.34%	1.3%	.17%	0.96%	-1.13%	-0.17%
# of Students taking Middle Science	3	9	1	6	-8	-2
% of Students taking Middle Science (of all students)	11%	33%	3.8%	22%	-29.2%	-7.2%
Advanced Level Science						
Average Advanced Science Credits per Student	0.39	0.85	0.81	0.46	-0.04	0.42
% Adv. Science Credits (of all Science)	23%	29%	26%	6.00%	-3.00%	3.00%
% of Adv. Science Credits (of all depts.)	1.9%	3.6%	3.4	1.70%	-0.20%	1.50%
# of Students taking Advanced Science	10	15	10	5	-5	0
% of Students taking Advanced Science (of all students)	36%	56%	38%	20%	-18%	2%
Vocational						
Average Vocational Credits Per Student	4.39	5.13	4.73	0.74	-0.40	0.34
Average Credits (all departments)	20.38	23.59	23.6	3.21	0.01	3.22

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Voc. Credits (of all depts.)	22%	22%	20%	0.00%	-2.00%	-2.00%
# of Students taking Vocational	28	27	26	-1	-1	-2
# of Students (total sample)	28	27	26	-1	-1	-2
% of Students taking Vocational (of all students)	100%	100%	100%	0	0	0
Basic Level Vocational						
Average Basic Vocational Credits per Student	4.14	4.65	4.21	0.51	-0.44	0.07
% Basic Voc. Credits (of all Voc.)	94%	91%	89%	-3.00%	-2.00%	-5.00%
% of Basic Voc. Credits (of all depts.)	20%	20%	18%	0.00%	-2.00%	-2.00%
# of Students taking Basic Vocational	27	27	26	0	-1	-1
% of Students taking Basic Vocational (of all students)	96%	100%	100%	4%	0%	4%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.21	0.48	0.35	0.27	-0.13	0.14
% of Middle Voc. Credits (of all Voc.)	4.8%	9.4%	7.4%	4.60%	-2.00%	2.60%
% of Middle Voc. Credits (of all depts.)	1.0%	2.0%	1.5%	1.00%	-0.50%	0.50%
# of Students taking Middle Vocational	7	9	11	2	2	4
% of Students taking Middle Vocational (of all students)	25%	33%	42%	8%	9%	17%
Advanced Level Vocational						
Average Advanced Voc. Credits per Student	0.04	0.00	0.17	-0.04	0.17	0.13
% Adv. Vocational Credits (of all Voc.)	.91%	0%	3.6%	-0.91%	3.60%	2.69%
% of Adv. Vocational Credits (of all depts.)	.20%	0%	.72%	-0.20%	0.72%	0.52%
# of Students taking Advanced Vocational	1	0	3	-1	3	2
% of Students taking Advanced Vocational (of all students)	3.6%	0%	12%	-3.6%	12%	8.4%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
HIGH SCHOOL 7, DISTRICT 5, FLORIDA						
Math						
Average Math Credits Per Student	3.46	4.34	3.40	0.88	-0.94	-0.06
Average Credits (all departments)	21.77	24.84	25.17	3.07	0.33	3.40
% of Math Credits (of all depts.)	16%	17%	14%	1.00%	-3.00%	-2.00%
# of Students taking Math	25	25	25	0	0	0
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	1.66	1.46	1.40	-0.20	-0.06	-0.26
% Basic Math Credits (of all Math)	48%	34%	41%	-14.00%	7.00%	-7.00%
% of Basic Math Credits (of all depts.)	7.6%	5.9%	5.6%	-1.70%	-0.30%	-2.00%
# of Students taking Basic Math	21	19	19	-2	0	-2
% of Students taking Basic Math (of all students)	84%	76%	76%	-8%	0%	-8%
Middle Level Math						
Average Middle Math Credits per Student	0.74	0.72	0.48	-0.02	-0.24	-0.26
% of Middle Math Credits (of all Math)	21%	17%	14%	-4.00%	-3.00%	-7.00%
% of Middle Math Credits (of all depts.)	3.4%	2.9%	1.9%	-0.50%	-1.00%	-1.50%
# of Students taking Middle Math	19	15	13	-4	-2	-6
% of Students taking Middle Math (of all students)	76%	60%	52%	-16%	-8%	-24%
Advanced Level Math						
Average Advanced Math Credits per Student	1.06	2.12	1.48	1.06	-0.64	0.42
% Adv. Math Credits (of all Math)	31%	49%	44%	18.00%	-5.00%	13.00%
% of Adv. Math Credits (of all depts.)	4.9%	8.5%	5.9%	3.60%	-2.60%	1.00%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Advanced Math	15	17	16	2	-1	1
% of Students taking Advanced Math (of all students)	60%	68%	64%	8%	-4%	4%
Science						
Average Science Credits Per Student	2.36	3.72	3.12	1.36	-0.60	0.76
Average Credits (all departments)	21.77	24.84	25.17	3.07	0.33	3.40
% of Science Credits (of all depts.)	11%	15%	12%	4.00%	-3.00%	1.00%
# of Students taking Science	25	25	25	0	0	0
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Science (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Science						
Average Basic Science Credits per Student	1.24	1.88	1.80	0.64	-0.08	0.56
% Basic Science Credits (of all Science)	53%	51%	58%	-2.00%	7.00%	5.00%
% of Basic Science Credits (of all depts.)	5.7%	7.6%	7.2%	1.90%	-0.40%	1.50%
# of Students taking Basic Science	23	25	24	2	-1	1
% of Students taking Basic Science (of all students)	92%	100%	96%	8%	-4%	4%
Middle Level Science						
Average Middle Science Credits per Student	1.12	1.76	1.32	0.64	-0.44	0.20
% of Middle Science Credits (of all Science)	47%	47%	42%	0.00%	-5.00%	-5.00%
% of Middle Science Credits (of all depts.)	5.1%	7.1%	5.2%	2.00%	-1.90%	0.10%
# of Students taking Middle Science	24	24	24	0	0	0
% of Students taking Middle Science (of all students)	96%	96%	96%	0%	0%	0%
Advanced Level Science						
Average Advanced Science Credits per Student	0.00	0.00	0.00	0.00	0.00	0.00

Table E1.7 (cont.)

BY SCHOOL Math, Science and Vocational Courses	Average Credits 1982	1985	1988	Change in Average Credits 1982-1985	1985-1988	1982-1988
% Adv. Science Credits (of all Science)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv. Science Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Advanced Science	0	0	0	0	0	0
% of Students taking Advanced Science (of all students)	0%	0%	0%	0%	0%	0%
Vocational						
Average Vocational Credits Per Student	3.68	3.46	3.41	-0.22	-0.05	-0.27
Average Credits (all departments)	21.77	24.84	25.17	3.07	0.33	3.40
% of Vocational Credits (of all depts.)	17%	14%	14%	-3.00%	0.00%	-3.00%
# of Students taking Vocational	23	25	22	2	-3	-1
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Vocational (of all students)	92%	100%	88%	8%	-12%	-4%
Basic Level Vocational						
Average Basic Voc. Credits per Student	3.32	2.78	2.73	-0.54	-0.05	-0.59
% Basic Vocational Credits (of all Voc.)	90%	80%	80%	-10.00%	0.00%	-10.00%
% of Basic Voc. Credits (of all depts.)	15%	11%	11%	-4.00%	0.00%	-4.00%
# of Students taking Basic Vocational	23	25	22	2	-3	-1
% of Students taking Basic Vocational (of all students)	92%	100%	88%	8%	-12%	-4%
Middle Level Vocational						
Average Middle Voc. Credits per Student	0.36	0.68	0.50	0.32	-0.18	0.26
% of Middle Vocational Credits (of all Voc.)	10%	20%	15%	10.00%	-5.00%	5.00%
% of Middle Voc. Credits (of all depts.)	1.7%	2.7%	2.0%	1.00%	-0.70%	0.30%
# of Students taking Middle Vocational	3	14	13	11	-1	10
% of Students taking Middle Vocational (of all students)	12%	56%	52%	44%	-4%	40%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Advanced Level Vocational						
Average Advanced Voc. Credits per Student	0.00	0.00	0.18	0.00	0.18	0.18
% Adv. Vocational Credits (of all Voc.)	0%	0%	5.3%	0.00%	5.30%	5.30%
% of Adv. Voc. Credits (of all depts.)	0%	0%	.72%	0.00%	0.72%	0.72%
# of Students taking Advanced Vocational	0	0	5	0	5	5
% of Students taking Advanced Vocational (of all students)	0%	0%	20%	0%	20%	20%
HIGH SCHOOL 8, DISTRICT 5, FLORIDA						
Math						
Average Math Credits Per Student	3.78	5.04	4.10	1.26	-0.94	0.32
Average Credits (all departments)	22.04	24.11	26.08	2.07	1.97	4.04
% of Math Credits (of all depts.)	17%	21%	16%	4.00%	-5.00%	-1.00%
# of Students taking Math	25	25	25	0	0	0
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	2.42	2.88	1.44	0.46	-1.44	-0.98
% Basic Math Credits (of all Math)	64%	57%	35%	-7.00%	-22.00%	-29.00%
% of Basic Math Credits (of all depts.)	11%	12%	6%	1.00%	-6.00%	-5.00%
# of Students taking Basic Math	21	22	19	1	-3	-2
% of Students taking Basic Math (of all students)	84%	88%	76%	4%	-12%	-8%
Middle Level Math						
Average Middle Math Credits per Student	0.02	0.86	0.80	0.84	-0.06	0.78
% of Middle Math Credits (of all Math)	.53%	17%	20%	16.47%	3.00%	19.47%
% of Middle Math Credits (of all depts.)	.09%	3.6%	3.1%	3.51%	-0.50%	3.01%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Middle Math	1	19	13	18	-6	12
% of Students taking Middle Math (of all students)	4%	76%	52%	72%	-24%	48%
Advanced Level Math						
Average Advanced Math Credits per Student	1.30	1.26	1.70	-0.04	0.44	0.40
% Adv. Math Credits (of all Math)	34%	25%	41%	-9.00%	16.00%	7.00%
% of Adv. Math Credits (of all depts.)	5.9%	5.2%	6.5%	-0.70%	1.30%	0.60%
# of Students taking Advanced Math	13	10	13	-3	3	0
% of Students taking Advanced Math (of all students)	52%	40%	52%	-12%	12%	0%
Science						
Average Science Credits Per Student	2.20	3.66	3.46	1.46	-0.20	1.26
Average Credits (all departments)	22.04	24.11	26.08	2.07	1.97	4.04
% of Science Credits (of all depts.)	10%	15%	13%	5.00%	-2.00%	3.00%
# of Students taking Science	25	25	25	0	0	0
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Science (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Science						
Average Basic Science Credits per Student	1.02	1.64	1.72	0.62	0.08	0.70
% Basic Science Credits (of all Science)	46%	45%	50%	-1.00%	5.00%	4.00%
% of Basic Science Credits (of all depts.)	4.6%	6.8%	6.6%	2.20%	-0.20%	2.00%
# of Students taking Basic Science	22	24	25	2	1	3
% of Students taking Basic Science (of all students)	88%	96%	100%	8%	4%	12%
Middle Level Science						
Average Middle Science Credits per Student	1.18	1.46	1.38	0.28	-0.08	0.20

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Middle Science Credits (of all Science)	54%	40%	40%	-14.00%	0.00%	-14.00%
% of Middle Science Credits (of all depts.)	5.4%	6.1%	5.3%	0.70%	-0.80%	-0.10%
# of Students taking Middle Science	25	25	23	0	-2	-2
% of Students taking Middle Science (of all students)	100%	100%	92%	0%	-8%	-8%
Advanced Level Science						
Average Advanced Science Credits per Student	0.00	0.56	0.28	0.56	-0.28	0.28
% Adv. Science Credits (of all Science)	0%	15%	8.1%	15.00%	-6.90%	8.10%
% of Adv. Science Credits (of all depts.)	0%	2.3%	1.1%	2.30%	-1.20%	1.10%
# of Students taking Advanced Science	0	12	8	12	-4	8
% of Students taking Advanced Science (of all students)	0%	48%	32%	48%	-16%	32%
Vocational						
Average Vocational Credits Per Student	2.32	2.30	4.20	-0.02	1.90	1.88
Average Credits (all departments)	22.04	24.11	26.08	2.07	1.97	4.04
% of Vocational Credits (of all depts.)	11%	10%	16%	-1.00%	6.00%	5.00%
# of Students taking Vocational	22	25	25	3	0	3
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Vocational (of all students)	88%	100%	100%	12%	0%	12%
Basic Level Vocational						
Average Basic Voc. Credits per Student	2.20	2.30	3.70	0.10	1.40	1.50
% Basic Vocational Credits (of all Voc.)	95%	100%	88%	5.00%	-12.00%	-7.00%
% of Basic Voc. Credits (of all depts.)	10%	10%	14%	0.00%	4.00%	4.00%
# of Students taking Basic Vocational	21	25	25	4	0	4
% of Students taking Basic Vocational (of all students)	84%	100%	100%	16%	0%	16%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Middle Level Vocational						
Average Middle Voc. Credits per Student	0.12	0.00	0.46	-0.12	0.46	0.34
% of Middle Vocational Credits (of all Voc.)	5.2%	0%	11%	-5.20%	11.00%	5.80%
% of Middle Voc. Credits (of all depts.)	.54%	0%	1.8%	-0.54%	1.80%	1.26%
# of Students taking Middle Vocational	3	1	15	-2	14	12
% of Students taking Middle Vocational (of all students)	12%	4%	60%	-8%	56%	48%
Advanced Level Vocational						
Average Advanced Voc. Credits per Student	0.00	0.00	0.00	0.00	0.00	0.00
% Adv. Vocational Credits (of all Voc.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv. Voc. Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Advanced Vocational	0	0	0	0	0	0
% of Students taking Advanced Vocational (of all students)	0%	0%	0%	0%	0%	0%
HIGH SCHOOL 9, DISTRICT 6, MISSOURI						
Math						
Average Math Credits Per Student	2.54	2.38	3.12	-0.16	0.74	0.58
Average Credits (all departments)	22.29	21.57	22.90	-0.72	1.33	0.61
% of Math Credits (of all depts.)	11%	11%	14%	0.00%	3.00%	3.00%
# of Students taking Math	23	25	25	2	0	2
# of Students (total sample)	23	25	25	2	0	2
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	0.33	0.54	0.20	0.21	-0.34	-0.13
% Basic Math Credits (of all Math)	13%	23%	6.4%	10.00%	-16.60%	-6.60%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Basic Math Credits (of all depts.)	1.5%	2.5%	.87%	1.00%	-1.63%	-0.63%
# of Students taking Basic Math	5	9	5	4	-4	0
% of Students taking Basic Math (of all students)	22%	36%	20%	14%	-16%	-2%
Middle Level Math						
Average Middle Math Credits per Student	0.67	0.74	0.82	0.07	0.08	0.15
% of Middle Math Credits (of all Math)	26%	31%	26%	5.00%	-5.00%	0.00%
% of Middle Math Credits (of all depts.)	3.0%	3.4%	3.6%	0.40%	0.20%	0.60%
# of Students taking Middle Math	16	17	18	1	1	2
% of Students taking Middle Math (of all students)	70%	68%	72%	-2%	4%	2%
Advanced Level Math						
Average Advanced Math Credits per Student	1.54	1.08	1.96	-0.46	0.88	0.42
% Adv. Math Credits (of all Math)	61%	45%	63%	-16.00%	18.00%	2.00%
% of Adv. Math Credits (of all depts.)	6.9%	5.0%	8.6%	-1.90%	3.60%	1.70%
# of Students taking Advanced Math	17	17	19	0	2	2
% of Students taking Advanced Math (of all students)	74%	68%	76%	-6%	8%	2%
Science						
Average Science Credits Per Student	1.30	1.28	2.74	-0.02	1.46	1.44
Average Credits (all departments)	22.29	21.57	22.90	-0.72	1.33	0.61
% of Science Credits (of all depts.)	5.8%	5.9%	12%	0.10%	6.10%	6.20%
# of Students taking Science	23	25	25	2	0	2
# of Students (total sample)	23	25	25	2	0	2
% of Students taking Science (of all students)	100%	100%	100%	0%	0%	0%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Basic Level Science						
Average Basic Science Credits per Student	0.52	0.48	1.16	-0.04	0.68	0.64
% Basic Science Credits (of all Science)	40%	38%	42%	-2.00%	4.00%	2.00%
% of Basic Science Credits (of all depts.)	2.3%	2.2%	5.1%	-0.10%	2.90%	2.80%
# of Students taking Basic Science	12	12	21	0	9	9
% of Students taking Basic Science (of all students)	52%	48%	84%	-4%	36%	32%
Middle Level Science						
Average Middle Science Credits per Student	0.63	0.68	1.62	0.05	0.94	0.99
% of Middle Science Credits (of all Science)	48%	53%	59%	5.00%	6.00%	11.00%
% of Middle Science Credits (of all depts.)	2.8%	3.2%	7.1%	0.40%	3.90%	4.30%
# of Students taking Middle Science	13	17	16	4	-1	3
% of Students taking Middle Science (of all students)	57%	68%	64%	11%	-4%	7%
Advanced Level Science						
Average Advanced Science Credits per Student	0.15	0.12	0.46	-0.03	0.34	0.31
% Adv. Science Credits (of all Science)	12%	9.4%	17%	-2.60%	7.60%	5.00%
% of Adv. Science Credits (of all depts.)	.67%	.56%	2.0%	-0.11%	1.44%	1.33%
# of Students taking Advanced Science	3	4	10	1	6	7
% of Students taking Advanced Science (of all students)	13%	16%	40%	3%	24%	27%
Vocational						
Average Vocational Credits Per Student	4.24	5.66	4.78	1.42	-0.88	0.54
Average Credits (all departments)	22.29	21.57	22.90	-0.72	1.33	0.61
% of Vocational Credits (of all depts.)	19%	26%	21%	7.00%	-5.00%	2.00%
# of Students taking Vocational	23	25	25	2	0	2

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students (total sample)	23	25	25	2	0	2
% of Students taking Vocational (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Vocational						
Average Basic Voc. Credits per Student	3.74	4.84	4.00	1.10	-0.84	0.26
% Basic Vocational Credits (of all Voc.)	88%	86%	84%	-2.00%	-2.00%	-4.00%
% of Basic Voc. Credits (of all depts.)	17%	22%	18%	5.00%	-4.00%	1.00%
# of Students taking Basic Vocational	23	25	25	2	0	2
% of Students taking Basic Vocational (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Vocational						
Average Middle Voc. Credits per Student	0.09	0.82	0.50	0.73	-0.32	0.41
% of Middle Vocational Credits (of all Voc.)	2.1%	14%	10%	11.90%	-4.00%	7.90%
% of Middle Vocational Credits (of all depts.)	.39%	3.8%	2.2%	3.41%	-1.60%	1.81%
# of Students taking Middle Vocational	2	12	11	10	-1	9
% of Students taking Middle Vocational (of all students)	8.7%	48%	44%	39.3%	-4%	35.3%
Advanced Level Vocational						
Average Advanced Vocational Credits per Student	0.41	0.00	0.04	-0.41	0.04	-0.37
% Adv. Vocational Credits (of all Vocational)	9.7%	0%	.84%	-9.70%	0.84%	-8.86%
% of Adv. Vocational Credits (of all depts.)	1.8%	0%	.17%	-1.80%	0.17%	-1.63%
# of Students taking Advanced Vocational	4	0	1	-4	1	-3
% of Students taking Advanced Vocational (of all students)	17%	0%	4%	-17%	4%	-13%

Table E1.7 (cont.)

BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
HIGH SCHOOL 10, DISTRICT 6, MISSOURI						
Math						
Average Math Credits Per Student	3.16	3.14	2.98	-0.02	-0.16	-0.18
Average Credits (all departments)	22.04	22.26	23.63	0.22	1.37	1.59
% of Math Credits (of all depts.)	14%	14%	13%	0.00%	-1.00%	-1.00%
# of Students taking Math	25	26	27	1	1	2
# of Students (total sample)	25	26	27	1	1	2
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	0.51	0.31	0.06	-0.20	-0.25	-0.45
% Basic Math Credits (of all Math)	18%	9.8%	1.9%	-8.20%	-7.90%	-16.10%
% of Basic Math Credits (of all depts.)	2.6%	1.4%	.28%	-1.20%	-1.12%	-2.32%
# of Students taking Basic Math	13	5	1	-8	-4	-12
% of Students taking Basic Math (of all students)	52%	19%	3.7%	-33%	-15.3%	-48.3%
Middle Level Math						
Average Middle Math Credits per Student	0.68	0.52	0.72	-0.16	0.20	0.04
% of Middle Math Credits (of all Math)	22%	17%	24%	-5.00%	7.00%	2.00%
% of Middle Math Credits (of all depts.)	3.1%	2.3%	3.1%	-0.80%	0.80%	0.00%
# of Students taking Middle Math	15	15	17	0	2	2
% of Students taking Middle Math (of all students)	60%	58%	63%	-2%	5%	3%
Advanced Level Math						
Average Advanced Math Credits per Student	1.90	2.19	2.13	0.29	-0.06	0.23
% Adv. Math Credits (of all Math)	60%	70%	71%	10.00%	1.00%	11.00%
% of Adv. Math Credits (of all depts.)	8.6%	9.8%	9.0%	1.20%	-0.80%	0.40%
# of Students taking Advanced Math	21	21	25	0	4	4
% of Students taking Advanced Math (of all students)	84%	81%	93%	-3%	12%	9%
Science						
Average Science Credits Per Student	1.68	1.99	2.70	0.31	0.71	1.02

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Average Credits (all departments)	22.04	22.26	23.63	0.22	1.37	1.59
% of Science Credits (of all depts.)	7.6%	8.9%	11%	1.30%	2.10%	3.40%
# of Students taking Science	24	26	27	2	1	3
# of Students (total sample)	25	26	27	1	1	2
% of Students taking Science (of all students)	96%	100%	100%	4%	0%	4%
Basic Level Science						
Average Basic Science Credits per Student	0.82	0.87	1.32	0.05	0.45	0.50
% Basic Science Credits (of all Science)	49%	43%	49%	-6.00%	6.00%	0.00%
% of Basic Science Credits (of all depts.)	3.7%	3.9%	5.6%	0.20%	1.70%	1.90%
# of Students taking Basic Science	19	19	26	0	7	7
% of Students taking Basic Science (of all students)	76%	73%	96%	-3%	23%	20%
Middle Level Science						
Average Middle Science Credits per Student	0.82	0.87	1.19	0.05	0.32	0.37
% of Middle Science Credits (of all Science)	49%	43%	44%	-6.00%	1.00%	-5.00%
% of Middle Science Credits (of all depts.)	3.7%	3.9%	5.0%	0.20%	1.10%	1.30%
# of Students taking Middle Science	16	17	24	1	7	8
% of Students taking Middle Science (of all students)	64%	65%	89%	1%	24%	25%
Advanced Level Science						
Average Advanced Science Credits per Student	0.18	0.17	0.11	-0.01	-0.06	-0.07
% Adv. Science Credits (of all Science)	11%	8.7%	4.1%	-2.30%	-4.60%	-6.90%
% of Adv. Science Credits (of all depts.)	.82%	.78%	.47%	-0.04%	-0.31%	-0.35%
# of Students taking Advanced Science	3	3	3	0	0	0
% of Students taking Advanced Science (of all students)	12%	12%	11%	0%	-1%	-1%
Vocational						
Average Vocational Credits Per Student	4.34	4.06	4.91	-0.28	0.85	0.57

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Average Credits (all departments)	22.04	22.26	23.63	0.22	1.37	1.59
% of Vocational Credits (of all depts.)	20%	18%	21%	-2.00%	3.00%	1.00%
# of Students taking Vocational	25	25	27	0	2	2
# of Students (total sample)	25	26	27	1	1	2
% of Students taking Vocational (of all students)	100%	96%	100%	-4%	4%	0%
Basic Level Vocational						
Average Basic Vocational Credits per Student	3.88	3.54	4.15	-0.34	0.61	0.27
% Basic Vocational Credits (of all Vocational)	89%	87%	85%	-2.00%	-2.00%	-4.00%
% of Basic Vocational Credits (of all depts.)	18%	16%	18%	-2.00%	2.00%	0.00%
# of Students taking Basic Vocational	25	25	27	0	2	2
% of Students taking Basic Vocational (of all students)	100%	96%	100%	-4%	4%	0%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.28	0.35	0.65	0.07	0.30	0.37
% of Middle Vocational Credits (of all Vocational)	6.5%	8.3%	13%	1.80%	4.70%	6.50%
% of Middle Vocational Credits (of all depts.)	1.3%	1.6%	2.7%	0.30%	1.10%	1.40%
# of Students taking Middle Vocational	9	7	16	-2	9	7
% of Students taking Middle Vocational (of all students)	36%	27%	59%	-9%	32%	23%
Advanced Level Vocational						
Average Advanced Vocational Credits per Student	0.18	0.17	0.11	-0.01	-0.06	-0.07
% Adv. Vocational Credits (of all Vocational)	4.1%	4.3%	2.3%	0.20%	-2.00%	-1.80%
% of Adv. Vocational Credits (of all depts.)	.82%	.78%	.47%	-0.04%	-0.31%	-0.35%
# of Students taking Advanced Vocational	3	3	3	0	0	0
% of Students taking Advanced Vocational (of all students)	12%	12%	11%	0%	-1%	-1%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
HIGH SCHOOL 11, DISTRICT 7, MISSOURI						
Math						
Average Math Credits Per Student	2.65	2.34	3.16	-0.31	0.82	0.51
Average Credits (all departments)	20.96	19.76	21.94	-1.20	2.18	0.98
% of Math Credits (of all depts.)	13%	12%	14%	-1.00%	2.00%	1.00%
# of Students taking Math	28	24	25	-4	1	-3
# of Students (total sample)	28	25	25	-3	0	-3
% of Students taking Math (of all students)	100%	96%	100%	-4%	4%	0%
Basic Level Math						
Average Basic Math Credits per Student	0.96	0.92	1.22	-0.04	0.30	0.26
% Basic Math Credits (of all Math)	36%	39%	37%	3.00%	-2.00%	1.00%
% of Basic Math Credits (of all depts.)	4.6%	4.7%	5.6%	0.10%	0.90%	1.00%
# of Students taking Basic Math	19	18	17	-1	-1	-2
% of Students taking Basic Math (of all students)	68%	72%	68%	4%	-4%	0%
Middle Level Math						
Average Middle Math Credits per Student	0.45	0.84	1.16	0.39	0.32	0.71
% of Middle Math Credits (of all Math)	17%	36%	37%	19.00%	1.00%	20.00%
% of Middle Math Credits (of all depts.)	2.1%	4.3%	5.3%	2.20%	1.00%	3.20%
# of Students taking Middle Math	14	20	22	6	2	8
% of Students taking Middle Math (of all students)	50%	80%	88%	30%	8%	38%
Advanced Level Math						
Average Advanced Math Credits per Student	1.25	0.58	0.78	-0.67	0.20	-0.47
% Adv. Math Credits (of all Math)	47%	25%	25%	-22.00%	0.00%	-22.00%
% of Adv. Math Credits (of all depts.)	6.0%	2.9%	3.6%	-3.10%	0.70%	-2.40%
# of Students taking Advanced Math	16	15	15	-1	0	-1

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Advanced Math (of all students)	57%	60%	60%	3%	0%	3%
Science						
Average Science Credits Per Student	2.09	2.26	3.14	0.17	0.88	1.05
Average Credits (all departments)	20.96	19.76	21.94	-1.20	2.18	0.98
% of Science Credits (of all depts.)	10%	11%	14%	1.00%	3.00%	4.00%
# of Students taking Science	28	25	25	-3	0	-3
# of Students (total sample)	28	25	25	-3	0	-3
% of Students taking Science (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Science						
Average Basic Science Credits per Student	1.38	1.68	2.06	0.30	0.38	0.68
% Basic Science Credits (of all Science)	66%	74%	66%	8.00%	-8.00%	0.00%
% of Basic Science Credits (of all depts.)	6.6%	8.5%	9.4%	1.90%	0.90%	2.80%
# of Students taking Basic Science	28	25	25	-3	0	-3
% of Students taking Basic Science (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Science						
Average Middle Science Credits per Student	0.18	0.06	0.12	-0.12	0.06	-0.06
% of Middle Science Credits (of all Science)	8.6%	2.7%	3.8%	-5.90%	1.10%	-4.80%
% of Middle Science Credits (of all depts.)	.85%	.30%	.55%	-0.55%	0.25%	-0.30%
# of Students taking Middle Science	5	2	3	-3	1	-2
% of Students taking Middle Science (of all students)	18%	8%	12%	-10%	4%	-6%
Advanced Level Science						
Average Advanced Science Credits per Student	0.53	0.52	0.96	-0.01	0.44	0.43
% Adv. Science Credits (of all Science)	25%	23%	31%	-2.00%	8.00%	6.00%
% of Adv. Science Credits (of all depts.)	2.5%	2.6%	4.4%	0.10%	1.80%	1.90%
# of Students taking Advanced Science	17	12	20	-5	8	3

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Advanced Science (of all students)	61%	48%	80%	-13%	32%	19%
Vocational						
Average Vocational Credits Per Student	5.33	4.64	4.06	-0.69	-0.58	-1.27
Average Credits (all departments)	20.96	19.76	21.94	-1.20	2.18	0.98
% of Vocational Credits (of all depts.)	25%	23%	19%	-2.00%	-4.00%	-6.00%
# of Students taking Vocational	28	25	25	-3	0	-3
# of Students (total sample)	28	25	25	-3	0	-3
% of Students taking Vocational (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Vocational						
Average Basic Vocational Credits per Student	4.90	4.18	3.64	-0.72	-0.54	-1.26
% Basic Vocational Credits (of all Vocational)	92%	90%	90%	-2.00%	0.00%	-2.00%
% of Basic Vocational Credits (of all depts.)	23%	21%	17%	-2.00%	-4.00%	-6.00%
# of Students taking Basic Vocational	28	25	25	-3	0	-3
% of Students taking Basic Vocational (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.43	0.46	0.42	0.03	-0.04	-0.01
% of Middle Vocational Credits (of all Vocational)	8.0%	9.9%	10%	1.90%	0.10%	2.00%
% of Middle Vocational Credits (of all depts.)	2.0%	2.3%	1.9%	0.30%	-0.40%	-0.10%
# of Students taking Middle Vocational	13	10	11	-3	1	-2
% of Students taking Middle Vocational (of all students)	46%	40%	44%	-6%	4%	-2%
Advanced Level Vocational						
Average Advanced Vocational Credits per Student	0.00	0.00	0.00	0.00	0.00	0.00
% Adv. Vocational Credits (of all Vocational)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv. Vocational Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Advanced Vocational	0	0	0	0	0	0
% of Students taking Advanced Vocational (of all students)	0%	0%	0%	0%	0%	0%
HIGH SCHOOL 12, DISTRICT 7, MISSOURI						
Math						
Average Math Credits Per Student	2.39	2.76	2.96	0.37	0.20	0.57
Average Credits (all departments)	21.07	21.12	22.22	0.05	1.10	1.15
% of Math Credits (of all depts.)	11.3%	13%	13%	1.70%	0.00%	1.70%
# of Students taking Math	27	28	25	1	-3	-2
# of Students (total sample)	27	28	25	1	-3	-2
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	1.43	1.44	1.16	0.01	-0.28	-0.27
% Basic Math Credits (of all Math)	60%	52%	39%	-8.00%	-13.00%	-21.00%
% of Basic Math Credits (of all depts.)	6.8%	6.8%	5.2%	0.00%	-1.60%	-1.60%
# of Students taking Basic Math	23	21	16	-2	-5	-7
% of Students taking Basic Math (of all students)	85%	75%	64%	-10%	-11%	-21%
Middle Level Math						
Average Middle Math Credits per Student	0.43	0.21	0.40	-0.22	0.19	-0.03
% of Middle Math Credits (of all Math)	18%	7.8%	14%	-10.20%	6.20%	-4.00%
% of Middle Math Credits (of all depts.)	2.0%	1.0%	1.8%	-1.00%	0.80%	-0.20%
# of Students taking Middle Math	12	8	8	-4	0	-4
% of Students taking Middle Math (of all students)	44%	29%	32%	-15%	3%	-12%
Advanced Level Math						
Average Advanced Math Credits per Student	0.54	1.11	1.40	0.57	0.29	0.86
% Adv. Math Credits (of all Math)	22%	40%	47%	18.00%	7.00%	25.00%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Adv. Math Credits (of all depts.)	2.5%	5.2%	6.3%	2.70%	1.10%	3.80%
# of Students taking Advanced Math	11	14	17	3	3	6
% of Students taking Advanced Math (of all students)	41%	50%	68%	9%	18%	27%
Science						
Average Science Credits Per Student	2.17	2.30	2.86	0.13	0.56	0.69
Average Credits (all departments)	21.07	21.12	22.22	0.05	1.10	1.15
% of Science Credits (of all depts.)	10%	11%	13%	1.00%	2.00%	3.00%
# of Students taking Science	27	28	25	1	-3	-2
# of Students (total sample)	27	28	25	1	-3	-2
% of Students taking Science (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Science						
Average Basic Science Credits per Student	1.63	1.41	1.88	-0.22	0.47	0.25
% Basic Science Credits (of all Science)	75%	61%	66%	-14.00%	5.00%	-9.00%
% of Basic Science Credits (of all depts.)	7.7%	6.7%	8.5%	-1.00%	1.80%	0.80%
# of Students taking Basic Science	27	27	25	0	-2	-2
% of Students taking Basic Science (of all students)	100%	96%	100%	-4%	4%	0%
Middle Level Science						
Average Middle Science Credits per Student	0.00	0.37	0.32	0.37	-0.05	0.32
% of Middle Science Credits (of all Science)	0%	16%	11%	16.00%	-5.00%	11.00%
% of Middle Science Credits (of all depts.)	0%	1.7%	1.4%	1.70%	-0.30%	1.40%
# of Students taking Middle Science	0	6	9	6	3	9
% of Students taking Middle Science (of all students)	0%	28%	36%	28%	8%	36%
Advanced Level Science						
Average Advanced Science Credits per Student	0.54	0.54	0.66	0.00	0.12	0.12
% Adv. Science Credits (of all Science)	25%	23%	23%	-2.00%	0.00%	-2.00%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Adv. Science Credits (of all depts.)	2.5%	2.5%	3.0%	0.00%	0.50%	0.50%
# of Students taking Advanced Science	14	17	15	3	-2	1
% of Students taking Advanced Science (of all students)	52%	61%	60%	9%	-1%	8%
Vocational						
Average Vocational Credits Per Student	4.89	4.71	5.10	-0.18	0.39	0.21
Average Credits (all departments)	21.07	21.12	5.10	0.05	-16.02	-15.97
% of Vocational Credits (of all depts.)	23%	22%	23%	-1.00%	1.00%	0.00%
# of Students taking Vocational	27	28	25	1	-3	-2
# of Students (total sample)	27	28	25	1	-3	-2
% of Students taking Vocational (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Vocational						
Average Basic Vocational Credits per Student	4.41	4.07	4.50	-0.34	0.43	0.09
% Basic Vocational Credits (of all Vocational)	90%	86%	88%	-4.00%	2.00%	-2.00%
% of Basic Vocational Credits (of all depts.)	22%	18%	17%	-4.00%	-1.00%	-5.00%
# of Students taking Basic Vocational	27	28	25	1	-3	-2
% of Students taking Basic Vocational (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.41	0.55	0.46	0.14	-0.09	0.05
% of Middle Vocational Credits (of all Vocational)	8.3%	12%	9.0%	3.70%	-3.00%	0.70%
% of Middle Vocational Credits (of all depts.)	2.1%	2.4%	1.7%	0.30%	-0.70%	-0.40%
# of Students taking Middle Vocational	11	17	15	6	-2	4
% of Students taking Middle Vocational (of all students)	41%	68%	60%	27%	-8%	19%
Advanced Level Vocational						
Average Advanced Vocational Credits per Student	0.07	0.09	0.14	0.02	0.05	0.07

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% Adv. Vocational Credits (of all Vocational)	1.5%	1.9%	2.7%	0.40%	0.80%	1.20%
% of Adv. Vocational Credits (of all depts.)	.38%	.39%	2.7%	0.01%	2.31%	2.32%
# of Students taking Advanced Vocational	2	2	2	0	0	0
% of Students taking Advanced Vocational (of all students)	8.0%	8.0%	8.0%	0%	0%	0%
HIGH SCHOOL 13, DISTRICT 8, PENNSYLVANIA						
Math						
Average Math Credits Per Student	2.40	3.06	3.40	0.66	0.34	1.00
Average Credits (all departments)	19.6	22.86	27.21	3.26	4.35	7.61
% of Math Credits (of all depts.)	12%	13%	13%	1.00%	0.00%	1.00%
# of Students taking Math	25	25	25	0	0	0
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	0.96	0.64	1.00	-0.32	0.36	0.04
% Basic Math Credits (of all Math)	40%	21%	29%	-19.00%	8.00%	-11.00%
% of Basic Math Credits (of all depts.)	12%	2.8%	3.7%	-9.20%	0.90%	-8.30%
# of Students taking Basic Math	14	11	16	-3	5	2
% of Students taking Basic Math (of all students)	56%	44%	64%	-12%	20%	8%
Middle Level Math						
Average Middle Math Credits per Student	0.20	0.44	0.60	0.24	0.16	0.40
% of Middle Math Credits (of all Math)	8.3%	21%	18%	12.70%	-3.00%	9.70%
% of Middle Math Credits (of all depts.)	1.0%	1.9%	2.2%	0.90%	0.30%	1.20%
# of Students taking Middle Math	5	11	13	6	2	8
% of Students taking Middle Math (of all students)	20%	44%	52%	24%	8%	32%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Advanced Level Math						
Average Advanced Math Credits per Student	1.24	1.98	1.80	0.74	-0.18	0.56
% Adv. Math Credits (of all Math)	52%	65%	53%	13.00%	-12.00%	1.00%
% of Adv. Math Credits (of all depts.)	6.3%	8.7%	6.6%	2.40%	-2.10%	0.30%
# of Students taking Advanced Math	14	21	19	7	-2	5
% of Students taking Advanced Math (of all students)	56%	84%	76%	28%	-8%	20%
Science						
Average Science Credits Per Student	2.60	3.22	3.80	0.62	0.58	1.20
Average Credits (all departments)	19.6	22.86	27.21	3.26	4.35	7.61
% of Science Credits (of all depts.)	13%	14%	14%	1.00%	0.00%	1.00%
# of Students taking Science	25	25	25	0	0	0
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Science (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Science						
Average Basic Science Credits per Student	1.00	0.02	0.04	-0.98	0.02	-0.96
% Basic Science Credits (of all Science)	38%	32%	27%	-6.00%	-5.00%	-11.00%
% of Basic Science Credits (of all depts.)	5.1%	4.5%	3.7%	-0.60%	-0.80%	-1.40%
# of Students taking Basic Science	25	25	25	0	0	0
% of Students taking Basic Science (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Science						
Average Middle Science Credits per Student	1.16	0.84	1.60	-0.32	0.76	0.44
% of Middle Science Credits (of all Science)	45%	26%	42%	-19.00%	16.00%	-3.00%
% of Middle Science Credits (of all depts.)	5.9%	3.7%	5.9%	-2.20%	2.20%	0.00%
# of Students taking Middle Science	23	16	23	-7	7	0
% of Students taking Middle Science (of all students)	92%	64%	92%	-28%	28%	0%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Advanced Level Science						
Average Advanced Science Credits per Student	0.44	1.32	1.16	0.88	-0.16	0.72
% Adv. Science Credits (of all Science)	17%	41%	31%	24.00%	-10.00%	14.00%
% of Adv. Science Credits (of all depts.)	2.2%	5.3%	4.3%	3.10%	-1.00%	2.10%
# of Students taking Advanced Science	9	20	22	11	2	13
% of Students taking Advanced Science (of all students)	36%	80%	88%	44%	8%	52%
Vocational						
Average Vocational Credits Per Student	2.85	3.56	4.68	0.71	1.12	1.83
Average Credits (all departments)	19.6	22.86	27.21	3.26	4.35	7.61
% of Vocational Credits (of all depts.)	15%	16%	17%	1.00%	1.00%	2.00%
# of Students taking Vocational	23	24	25	1	1	2
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Vocational (of all students)	92%	96%	100%	4%	4%	8%
Basic Level Vocational						
Average Basic Vocational Credits per Student	2.49	3.10	3.66	0.61	0.56	1.17
% Basic Vocational Credits (of all Vocational)	87%	87%	78%	0.00%	-9.00%	-9.00%
% of Basic Vocational Credits (of all depts.)	13%	14%	13%	1.00%	-1.00%	0.00%
# of Students taking Basic Vocational	22	24	25	2	1	3
% of Students taking Basic Vocational (of all students)	88%	96%	100%	8%	4%	12%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.36	0.46	1.00	0.10	0.54	0.64
% of Middle Vocational Credits (of all Vocational)	13%	13%	21%	0.00%	8.00%	8.00%
% of Middle Vocational Credits (of all depts.)	1.8%	2.0%	3.7%	0.20%	1.70%	1.90%
# of Students taking Middle Vocational	8	9	17	1	8	9

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
Advanced Level Vocational						
Average Advanced Vocational Credits per Student	0.00	0.00	0.02	0.00	0.02	0.02
% Adv. Vocational Credits (of all Vocational)	0%	0%	.43%	0.00%	0.43%	0.43%
% of Adv. Vocational Credits (of all depts.)	0%	0%	.07%	0.00%	0.07%	0.07%
# of Students taking Advanced Vocational	0	0	1	0	1	1
% of Students taking Advanced Vocational (of all students)	0%	0%	4.0%	0%	4%	4%
HIGH SCHOOL 14, DISTRICT 8, PENNSYLVANIA						
Math						
Average Math Credits Per Student	2.32	3.32	3.85	1.00	0.53	1.53
Average Credits (all departments)	19.91	24.47	28.31	4.56	3.84	8.40
% of Math Credits (of all depts.)	12%	14%	14%	2.00%	0.00%	2.00%
# of Students taking Math	25	31	26	6	-5	1
# of Students (total sample)	25	31	26	6	-5	1
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	1.56	1.45	1.62	-0.11	0.17	0.06
% Basic Math Credits (of all Math)	67%	44%	42%	-23.00%	-2.00%	-25.00%
% of Basic Math Credits (of all depts.)	7.7%	5.9%	5.7%	-1.80%	-0.20%	-2.00%
# of Students taking Basic Math	22	25	16	3	-9	-6
% of Students taking Basic Math (of all students)	88%	81%	62%	-7%	-19%	-26%
Middle Level Math						
Average Middle Math Credits per Student	0.00	0.55	0.27	0.55	-0.28	0.27
% of Middle Math Credits (of all Math)	0%	16%	7.0%	16.00%	-9.00%	7.00%
% of Middle Math Credits (of all depts.)	0%	2.2%	.95%	2.20%	-1.25%	0.95%
# of Students taking Middle Math	0	17	7	17	-10	7

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL **Math, Science and Vocational Courses**	**1982**	**1985**	**1988**	**1982-1985**	**1985-1988**	**1982-1988**
% of Students taking Middle Math (of all students)	0%	55%	27%	55%	-28%	27%
Advanced Level Math						
Average Advanced Math Credits per Student	0.76	1.29	1.96	0.53	0.67	1.20
% Adv. Math Credits (of all Math)	33%	39%	51%	6.00%	12.00%	18.00%
% of Adv. Math Credits (of all depts.)	3.8%	.49%	6.9%	-3.31%	6.41%	3.10%
# of Students taking Advanced Math	10	19	20	9	1	10
% of Students taking Advanced Math (of all students)	40%	61%	77%	21%	16%	37%
Science						
Average Science Credits Per Student	2.92	3.19	3.42	0.27	0.23	0.50
Average Credits (all departments)	19.91	24.47	28.31	4.56	3.84	8.40
% of Science Credits (of all depts.)	15%	13%	12%	-2.00%	-1.00%	-3.00%
# of Students taking Science	25	31	26	6	-5	1
# of Students (total sample)	25	31	26	6	-5	1
% of Students taking Science (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Science						
Average Basic Science Credits per Student	1.08	1.39	1.04	0.31	-0.35	-0.04
% Basic Science Credits (of all Science)	37%	43%	30%	6.00%	-13.00%	-7.00%
% of Basic Science Credits (of all depts.)	5.4%	5.7%	3.7%	0.30%	-2.00%	-1.70%
# of Students taking Basic Science	25	31	26	6	-5	1
% of Students taking Basic Science (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Science						
Average Middle Science Credits per Student	1.08	1.23	1.85	0.15	0.62	0.77
% of Middle Science Credits (of all Science)	37%	38%	54%	1.00%	16.00%	17.00%
% of Middle Science Credits (of all depts.)	5.4%	5.0%	6.5%	-0.40%	1.50%	1.10%
# of Students taking Middle Science	24	27	26	3	-1	2

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Middle Science (of all students)	96%	87%	100%	-9%	13%	4%
Advanced Level Science						
Average Advanced Science Credits per Student	0.76	0.58	0.54	-0.18	-0.04	-0.22
% Adv. Science Credits (of all Science)	26%	18%	16%	-8.00%	-2.00%	-10.00%
% of Adv. Science Credits (of all depts.)	3.8%	2.4%	1.9%	-1.40%	-0.50%	-1.90%
# of Students taking Advanced Science	14	19	13	5	-6	-1
% of Students taking Advanced Science (of all students)	56%	61%	50%	5%	-11%	-6%
Vocational						
Average Vocational Credits Per Student	3.54	4.6	5.1	1.06	0.50	1.56
Average Credits (all departments)	19.91	24.47	28.31	4.56	3.84	8.40
% of Vocational Credits (of all depts.)	18%	19%	18%	1.00%	-1.00%	0.00%
# of Students taking Vocational	24	31	26	7	-5	2
# of Students (total sample)	24	31	26	7	-5	2
% of Students taking Vocational (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Vocational						
Average Basic Vocational Credits per Student	3.26	3.82	4.40	0.56	0.58	1.14
% Basic Vocational Credits (of all Vocational)	92%	83%	86%	-9.00%	3.00%	-6.00%
% of Basic Vocational Credits (of all depts.)	16%	16%	16%	0.00%	0.00%	0.00%
# of Students taking Basic Vocational	24	31	26	7	-5	2
% of Students taking Basic Vocational (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.28	0.69	0.62	0.41	-0.07	0.34
% of Middle Vocational Credits (of all Vocational)	7.9%	15%	12%	7.10%	-3.00%	4.10%
% of Middle Vocational Credits (of all depts.)	1.4%	2.8%	2.2%	1.40%	-0.60%	0.80%
# of Students taking Middle Vocational	6	17	15	11	-2	9

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Students taking Middle Vocational (of all students)	25%	55%	58%	30%	3%	33%
Advanced Level Vocational						
Average Advanced Vocational Credits per Student	0.00	0.08	0.08	0.08	0.00	0.08
% Adv. Vocational Credits (of all Vocational)	0%	1.8%	1.5%	1.80%	-0.30%	1.50%
% of Adv. Vocational Credits (of all depts.)	0%	.33%	.27%	0.33%	-0.06%	0.27%
# of Students taking Advanced Vocational	0	3	2	3	-1	2
% of Students taking Advanced Vocational (of all students)	0	10%	8%	10%	-2%	8%
HIGH SCHOOL 15, DISTRICT 9, PENNSYLVANIA						
Math						
Average Math Credits Per Student	2.79	2.70	2.78	-0.09	0.08	-0.01
Average Credits (all departments)	19.82	21.11	21.95	1.29	0.84	2.13
% of Math Credits (of all depts.)	14%	13%	13%	-1.00%	0.00%	-1.00%
# of Students taking Math	25	28	23	3	-5	-2
# of Students (total sample)	25	28	23	3	-5	-2
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	1.19	1.88	1.13	0.69	-0.75	-0.06
% Basic Math Credits (of all Math)	43%	70%	41%	27.00%	-29.00%	-2.00%
% of Basic Math Credits (of all depts.)	6.0%	8.9%	5.1%	2.90%	-3.80%	-0.90%
# of Students taking Basic Math	25	28	17	3	-11	-8
% of Students taking Basic Math (of all students)	100%	100%	74%	0%	-26%	-26%
Middle Level Math						
Average Middle Math Credits per Student	0.12	0.00	0.09	-0.12	0.09	-0.03
% of Middle Math Credits (of all Math)	4.3%	0%	3.1%	-4.30%	3.10%	-1.20%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Middle Math Credits (of all depts.)	.61%	0%	.40%	-0.61%	0.40%	-0.21%
# of Students taking Middle Math	2	0	1	-2	1	-1
% of Students taking Middle Math (of all students)	8%	0%	4%	-8%	4%	-4%
Advanced Level Math						
Average Advanced Math Credits per Student	1.48	0.79	1.57	-0.69	0.78	0.09
% Adv. Math Credits (of all Math)	53%	29%	56%	-24.00%	27.00%	3.00%
% of Adv. Math Credits (of all depts.)	7.5%	3.7%	7.1%	-3.80%	3.40%	-0.40%
# of Students taking Advanced Math	18	11	17	-7	6	-1
% of Students taking Advanced Math (of all students)	72%	39%	74%	-33%	35%	2%
Science						
Average Science Credits Per Student	1.45	1.64	2.15	0.19	0.51	0.70
Average Credits (all departments)	19.82	21.11	21.95	1.29	0.84	2.13
% of Science Credits (of all depts.)	7.3%	7.7%	9.8%	0.40%	2.10%	2.50%
# of Students taking Science	25	28	23	3	-5	-2
# of Students (total sample)	25	28	23	3	-5	-2
% of Students taking Science (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Science						
Average Basic Science Credits per Student	0.76	1.02	1.28	0.26	0.26	0.52
% Basic Science Credits (of all Science)	52%	62%	60%	10.00%	-2.00%	8.00%
% of Basic Science Credits (of all depts.)	3.8%	4.8%	5.8%	1.00%	1.00%	2.00%
# of Students taking Basic Science	17	21	21	4	0	4
% of Students taking Basic Science (of all students)	68%	75%	91%	7%	16%	23%
Middle Level Science						
Average Middle Science Credits per Student	0.53	0.51	0.87	-0.02	0.36	0.34
% of Middle Science Credits (of all Science)	36%	31%	40%	-5.00%	9.00%	4.00%
% of Middle Science Credits (of all depts.)	2.7%	2.4%	4.0%	-0.30%	1.60%	1.30%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
# of Students taking Middle Science	10	11	14	1	3	4
% of Students taking Middle Science (of all students)	40%	39%	61%	-1%	22%	21%
Advanced Level Science						
Average Advanced Science Credits per Student	0.16	0.11	0.00	-0.05	-0.11	-0.16
% Adv. Science Credits (of all Science)	11%	6.5%	0%	-4.50%	-6.50%	-11.00%
% of Adv. Science Credits (of all depts.)	.81%	.51%	0%	-0.30%	-0.51%	-0.81%
# of Students taking Advanced Science	4	2	0	-2	-2	-4
% of Students taking Advanced Science (of all students)	16%	7.1%	0%	-8.9%	-7.1%	-16%
Vocational						
Average Vocational Credits Per Student	3.99	4.23	4.55	0.24	0.32	0.56
Average Credits (all departments)	19.82	21.11	21.95	1.29	0.84	2.13
% of Vocational Credits (of all depts.)	20%	20%	21%	0.00%	1.00%	1.00%
# of Students taking Vocational	24	27	23	3	-4	-1
# of Students (total sample)	25	28	23	3	-5	-2
% of Students taking Vocational (of all students)	96%	96%	100%	0%	4%	4%
Basic Level Vocational						
Average Basic Vocational Credits per Student	3.52	3.10	3.55	-0.42	0.45	0.03
% Basic Vocational Credits (of all Vocational)	88%	73%	78%	-15.00%	5.00%	-10.00%
% of Basic Vocational Credits (of all depts.)	18%	15%	16%	-3.00%	1.00%	-2.00%
# of Students taking Basic Vocational	24	27	23	3	-4	-1
% of Students taking Basic Vocational (of all students)	96%	96%	100%	0%	4%	4%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.48	0.84	0.74	0.36	-0.10	0.26
% of Middle Vocational Credits (of all Vocational)	12%	20%	16%	8.00%	-4.00%	4.00%
% of Middle Vocational Credits (of all depts.)	2.4%	4.0%	3.4%	1.60%	-0.60%	1.00%

Table E1.7 (cont.)

BY SCHOOL Math, Science and Vocational Courses	Average Credits 1982	1985	1988	Change in Average Credits 1982-1985	1985-1988	1982-1988
# of Students taking Middle Vocational	10	13	11	3	-2	1
% of Students taking Middle Vocational (of all students)	40%	46%	48%	6%	2%	8%
Advanced Level Vocational						
Average Advanced Vocational Credits per Student	0.36	0.29	0.26	-0.07	-0.03	-0.10
% Adv. Vocational Credits (of all Vocational)	9.0%	6.8%	5.7%	-2.20%	-1.10%	-3.30%
% of Adv. Vocational Credits (of all depts.)	1.8%	1.4%	1.2%	-0.40%	-0.20%	-0.60%
# of Students taking Advanced Vocational	6	6	3	0	-3	-3
% of Students taking Advanced Vocational (of all students)	24%	21%	13%	-3%	-8%	-11%
HIGH SCHOOL 16, DISTRICT 9, PENNSYLVANIA						
Math						
Average Math Credits Per Student	2.67	2.38	2.52	-0.29	0.14	-0.15
Average Credits (all departments)	22.83	20.94	21.45	-1.89	0.51	-1.38
% of Math Credits (of all depts.)	12%	11%	12%	-1.00%	1.00%	0.00%
# of Students taking Math	24	25	25	1	0	1
# of Students (total sample)	24	25	25	1	0	1
% of Students taking Math (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Math						
Average Basic Math Credits per Student	1.86	1.74	1.24	-0.12	-0.50	-0.62
% Basic Math Credits (of all Math)	70%	73%	49%	3.00%	-24.00%	-21.00%
% of Basic Math Credits (of all depts.)	8.1%	8.3%	5.8%	0.20%	-2.50%	-2.30%
# of Students taking Basic Math	24	24	20	0	-4	-4
% of Students taking Basic Math (of all students)	100%	96%	80%	-4%	-16%	-20%
Middle Level Math						
Average Middle Math Credits per Student	0.00	0.00	0.08	0.00	0.08	0.08

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Middle Math Credits (of all Math)	0%	0%	3.2%	0.00%	3.20%	3.20%
% of Middle Math Credits (of all depts.)	0%	0%	.37%	0.00%	0.37%	0.37%
# of Students taking Middle Math	0	0	2	0	2	2
% of Students taking Middle Math (of all students)	0%	0%	8%	0%	8%	8%
Advanced Level Math						
Average Advanced Math Credits per Student	0.81	0.64	1.20	-0.17	0.56	0.39
% Adv. Math Credits (of all Math)	30%	27%	48%	-3.00%	21.00%	18.00%
% of Adv. Math Credits (of all depts.)	3.5%	3.1%	5.6%	-0.40%	2.50%	2.10%
# of Students taking Advanced Math	12	12	18	0	6	6
% of Students taking Advanced Math (of all students)	50%	48%	72%	-2%	24%	22%
Science						
Average Science Credits Per Student	1.49	1.17	2.09	-0.32	0.92	0.60
Average Credits (all departments)	22.83	20.94	21.45	-1.89	0.51	-1.38
% of Science Credits (of all depts.)	6.5%	5.6%	9.7%	-0.90%	4.10%	3.20%
# of Students taking Science	24	25	25	1	0	1
# of Students (total sample)	24	25	25	1	0	1
% of Students taking Science (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Science						
Average Basic Science Credits per Student	0.25	0.04	0.85	-0.21	0.81	0.60
% Basic Science Credits (of all Science)	17%	3.4%	41%	-13.60%	37.60%	24.00%
% of Basic Science Credits (of all depts.)	1.1%	.19%	4.0%	-0.91%	3.81%	2.90%
# of Students taking Basic Science	7	4	21	-3	17	14
% of Students taking Basic Science (of all students)	29%	16%	84%	-13%	68%	55%
Middle Level Science						
Average Middle Science Credits per Student	1.24	1.13	1.24	-0.11	0.11	0.00
% of Middle Science Credits (of all Science)	83%	97%	59%	14.00%	-38.00%	-24.00%

Table E1.7 (cont.)

BY SCHOOL Math, Science and Vocational Courses	Average Credits 1982	1985	1988	Change in Average Credits 1982-1985	1985-1988	1982-1988
% of Middle Science Credits (of all depts.)	5.4%	5.4%	5.8%	0.00%	0.40%	0.40%
# of Students taking Middle Science	24	25	24	1	-1	0
% of Students taking Middle Science (of all students)	100%	100%	96%	0%	-4%	-4%
Advanced Level Science						
Average Advanced Science Credits per Student	0.00	0.00	0.00	0.00	0.00	0.00
% Adv. Science Credits (of all Science)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv. Science Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Advanced Science	0	0	0	0	0	0
% of Students taking Advanced Science (of all students)	0%	0%	0%	0%	0%	0%
Vocational						
Average Vocational Credits Per Student	5.25	5.09	4.92	-0.16	-0.17	-0.33
Average Credits (all departments)	22.83	20.94	21.45	-1.89	.51	-1.38
% of Vocational Credits (of all depts.)	23%	24%	23%	1.00%	-1.00%	0.00%
# of Students taking Vocational	24	25	24	1	-1	0
# of Students (total sample)	24	25	25	1	0	1
% of Students taking Vocational (of all students)	100%	100%	96%	0%	-4%	-4%
Basic Level Vocational						
Average Basic Vocational Credits per Student	4.79	4.63	4.56	-0.16	-0.07	-0.23
% Basic Vocational Credits (of all Vocational)	91%	91%	93%	0.00%	2.00%	2.00%
% of Basic Vocational Credits (of all depts.)	21%	22%	21%	1.00%	-1.00%	0.00%
# of Students taking Basic Vocational	24	25	24	1	-1	0
% of Students taking Basic Vocational (of all students)	100%	100%	96%	0%	-4%	-4%
Middle Level Vocational						
Average Middle Vocational Credits per Student	0.22	0.3	0.36	0.08	0.06	0.14
% of Middle Vocational Credits (of all Vocational)	4.1%	5.8%	7.3%	1.70%	1.50%	3.20%

Table E1.7 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Math, Science and Vocational Courses	1982	1985	1988	1982-1985	1985-1988	1982-1988
% of Middle Vocational Credits (of all depts.)	.95%	1.4%	1.7%	0.45%	0.30%	0.75%
# of Students taking Middle Vocational	5	8	7	3	-1	2
% of Students taking Middle Vocational (of all students)	21%	32%	28%	11%	-4%	7%
Advanced Level Vocational						
Average Advanced Vocational Credits per Student	0.25	0.16	0.00	-0.09	-0.16	-0.25
% Adv. Vocational Credits (of all Vocational)	4.8%	3.1%	0%	-1.70%	-3.10%	-4.80%
% of Adv. Vocational Credits (of all depts.)	1.1%	.76%	0%	-0.34%	-0.76%	-1.10%
# of Students taking Advanced Vocational	5	2	0	-3	-2	-5
% of Students taking Advanced Vocational (of all students)	21%	8.0%	0%	-13%	-8%	-21%

TABLE E1.8

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
HIGH SCHOOL 1, DISTRICT 1, CALIFORNIA						
Art						
Average Art Credits Per Student	1.20	1.16	1.86	-0.04	0.70	0.66
Average Credits (all departments)	19.78	20.05	21.72	0.27	1.67	1.94
% of Art Credits (of all depts.)	6.1%	5.8%	8.6%	-0.30%	2.80%	2.50%
# of Students taking Art	15	15	20	0	5	5
# of Students (total sample)	36	29	24	-7	-5	-12
% of Students taking Art (of all students)	42%	52%	83%	10%	31%	41%
Basic Level Art						
Average Basic Art Credits Per Student	0.87	0.92	1.67	0.05	0.75	0.80
% of Basic Art Credits (of all Art)	72%	79%	90%	7.00%	11.00%	18.00%
% of Basic Art Credits (of all depts.)	4.4%	4.6%	7.7%	0.20%	3.10%	3.30%
# of Students taking Basic Art	15	13	19	-2	6	4
% of Students taking Basic Art (of all students)	42%	45%	79%	3%	34%	37%
Middle Level Art						
Average Middle Art Credits Per Student	0.28	0.24	0.19	-0.04	-0.05	-0.09
% of Middle Art Credits (of all Art)	23%	21%	10%	-2.00%	-11.00%	-13.00%
% of Middle Art Credits (of all depts.)	1.4%	1.2%	.87%	-0.20%	-0.33%	-0.53%
# of Students taking Middle Art	4	3	5	-1	2	1
% of Students taking Middle Art (of all students)	11%	10%	21%	-1%	11%	10%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.06	0.00	0.00	-0.06	0.00	-0.06
% of Advanced Art Credits (of all Art)	4.7%	0%	0%	-4.70%	0.00%	-4.70%
% of Advanced Art Credits (of all depts.)	.28%	0%	0%	-0.28%	0.00%	-0.28%
# of Students taking Advanced Art	2	0	0	-2	0	-2

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL **Art, English, Foreign Language, Personal Skills, and Social Studies**	**1982**	**1985**	**1988**	**1985-1982**	**1988-1985**	**1988-1982**
% of Students taking Advanced Art (of all depts.)	5.6%	0%	0%	-5.60%	0.00%	-5.60%
English						
Average English Credits Per Student	2.93	3.78	3.67	0.85	-0.11	0.74
Average Credits (all departments)	19.78	20.05	21.72	0.27	1.67	1.94
% of English Credits (of all depts.)	15%	19%	17%	4.00%	-2.00%	2.00%
# of Students taking English	36	29	24	-7	-5	-12
# of Students (total sample)	36	29	24	-7	-5	-12
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	1.22	1.19	2.00	-0.03	0.81	0.78
% of Basic English Credits (of all Eng.)	42%	31%	55%	-11.00%	24.00%	13.00%
% of Basic English Credits (of all depts)	6.2%	5.9%	9.2%	-0.30%	3.30%	3.00%
# of Students taking Basic English	35	22	24	-13	2	-11
% of Students taking Basic English (of all students)	97%	76%	100%	-21%	24%	3%
Middle Level English						
Average Middle English Credits Per Student	0.79	1.12	1.15	0.33	0.03	0.36
% of Middle English Credits (of all Eng.)	27%	30%	31%	3.00%	1.00%	4.00%
% of Middle English Credits (of all depts)	4.0%	5.6%	5.3%	1.60%	-0.30%	1.30%
# of Students taking Middle English	28	23	23	-5	0	-5
% of Students taking Middle English (of all students)	78%	79%	96%	1%	17%	18%
Advanced Level English						
Average Adv. English Credits Per Student	0.94	1.47	0.52	0.53	-0.95	-0.42
% of Adv. English Credits (of all Eng.)	32%	39%	14%	7.00%	-25.00%	-18.00%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Adv. English Credits (of all depts.)	4.8%	7.3%	2.4%	2.50%	-4.90%	-2.40%
# of Students taking Advanced English	27	28	9	1	-19	-18
% of Students taking Advanced English (of all students)	75%	97%	38%	22%	-59%	-37%
Foreign Language						
Average F. Lang. Credits Per Student	1.06	1.00	1.23	-0.06	0.23	0.17
Average Credits (all departments)	19.78	20.05	21.72	0.27	1.67	1.94
% of F. Lang. Credits (of all depts.)	5.3%	5.0%	5.7%	-0.30%	0.70%	0.40%
# of Students taking F. Language	23	20	18	-3	-2	-5
# of Students (total sample)	36	29	24	-7	-5	-12
% of Students taking F. Language (of all students)	64%	69%	75%	5%	6%	11%
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.61	0.72	0.83	0.11	0.11	0.22
% of Basic F.Lang.Credits (of all F.Lang)	58%	72%	68%	14.00%	-4.00%	10.00%
% of Basic F.Lang.Credits (of all depts.)	3.1%	3.6%	3.8%	0.50%	0.20%	0.70%
# of Students taking Basic F.Lang.	21	19	18	-2	-1	-3
% of Students taking Basic F.Lang. (of all students)	58%	66%	75%	8%	9%	17%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.39	0.24	0.33	-0.15	0.09	-0.06
% of Middle F.Lang.Credits (of all F.Lang)	37%	24%	27%	-13.00%	3.00%	-10.00
% of Middle F.Lang.Credits (of all depts)	2.0%	1.2%	1.5%	-0.80%	0.30%	-0.50%
# of Students taking Middle F.Lang.	15	11	9	-4	-2	-6
% of Students taking Middle F.Lang. (of all students)	42%	38%	38%	-4%	0%	-4%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Advanced Level Foreign Language						
Average Adv. F. Lang. Credits Per Student	0.06	0.03	0.06	-0.03	0.03	0.00
% of Adv. F.Lang.Credits (of all F.Lang)	5.3%	3.4%	5.1%	-1.90%	1.70%	-0.20%
% of Adv. F.Lang.Credits (of all depts.)	.28%	.17%	.29%	-0.11%	0.12%	0.01%
# of Students taking Adv. F.Lang.	2	1	1	-1	0	-1
% of Students taking Adv. F.Lang. (of all depts.)	5.6%	3.4%	4.2%	-2.20%	0.80%	-1.40%
Personal Skills						
Average Pers. Skills Credits Per Student	4.22	3.75	3.32	-0.47	-0.43	-0.90
Average Credits (all depts.)	19.78	20.05	21.72	0.27	1.67	1.94
% of Pers. Skills Credits (of all depts.)	21%	19%	15%	-2.00%	-4.00%	-6.00%
# of Students taking Pers. Skills	36	29	24	-7	-5	-12
# of Students (total sample)	36	29	24	-7	-5	-12
% of Students taking Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	4.19	3.75	3.14	-0.44	-0.61	-1.05
% of Basic Pers.S.Credits (of all P.S.)	99%	100%	94%	1.00%	-6.00%	-5.00%
% of Basic Pers.S.Credits (of all depts.)	21%	19%	14%	-2.00%	-5.00%	-7.00%
# of Students taking Basic Pers. Skills	36	29	24	-7	-5	-12
% of Students taking Basic Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Middle Pers.S.Credits (of all P.S.)	0%	0%	0%	0.00	0.00	0.00
% of Middle Pers.S.Credits (of all depts)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Middle Pers. Skills	0	0	0	0	0	0

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Students taking Middle Pers. Skills (of all students)	0%	0%	0%	0%	0%	0%
Advanced Level Personal Skills						
Average Adv. Pers.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Adv.Pers.S.Credits (of all P.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv.Pers.S.Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Adv. Pers. Skills	0	0	0	0	0	0
% of Students taking Adv. Pers. Skills (of all students)	0%	0%	0%	0%	0%	0%
Social Studies						
Average S.S. Credits Per Student	2.79	2.69	2.92	-0.10	0.23	0.13
Average Credits (all departments)	19.78	20.05	21.72	0.27	1.67	1.94
% of S.S.Credits (of all depts.)	14%	13%	13%	-1.00%	0.00%	-1.00%
# of Students taking S.S.	36	29	24	-7	-5	-12
# of Students (total sample)	36	29	24	-7	-5	-12
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	2.79	2.69	2.92	-0.10	0.23	0.13
% of Basic S.S.Credits (of all S.S.)	100%	100%	100%	0.00%	0.00%	0.00%
% of Basic S.S.Credits (of all depts.)	14%	13%	13%	-1.00%	0.00%	-1.00%
# of Studients taking Basic S.S.	36	29	24	-7	-5	-12
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Middle S.S.Credits (of all S.S)	0%	0%	0%	0.00%	0.00%	0.00%
% of Middle S.S.Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
# of Students taking Middle S.S.	0	0	0	0	0	0
% of Students taking Middle S.S. (of all students)	0%	0%	0%	0	0%	0%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Adv. S.S.Credits (of all S.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv. S.S. Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Advanced S.S.	0	0	0	0	0	0
% of Students taking Advanced S.S. (of all students)	0%	0%	0%	0%	0%	0%
HIGH SCHOOL 2, DISTRICT 1, CALIFORNIA						
Art						
Average Art Credits Per Student	1.22	1.20	1.54	-0.02	0.34	0.32
Average Credits (all departments)	19.06	20.92	21.58	1.86	0.66	2.52
% of Art Credits (of all depts.)	6.4%	5.7%	7.1%	-0.70%	1.40%	0.70%
# of Students taking Art	20	19	19	-1	0	-1
# of Students (total sample)	27	23	26	-4	3	-1
% of Students taking Art (of all students)	74%	83%	73%	9%	-10%	-1%
Basic Level Art						
Average Basic Art Credits Per Student	0.89	0.80	1.37	-0.09	0.57	0.48
% of Basic Art Credits (of all Art)	73%	67%	89%	-6.00%	22.00%	16.00%
% of Basic Art Credits (of all depts.)	4.7%	3.8%	6.3%	-0.90%	2.50%	1.60%
# of Students taking Basic Art	19	16	19	-3	3	0
% of Students taking Basic Art (of all students)	70%	70%	73%	0%	3%	3%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Middle Level Art						
Average Middle Art Credits Per Student	0.33	0.39	0.17	0.06	-0.22	-0.16
% of Middle Art Credits (of all Art)	27%	33%	11%	6.00%	-22.00%	-16.00%
% of Middle Art Credits (of all depts.)	1.7%	1.9%	.80%	0.20%	-1.10%	-0.90%
# of Students taking Middle Art	5	6	6	1	0	1
% of Students taking Middle Art (of all students)	19%	26%	23%	7%	-3%	4%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Advanced Art Credits (of all Art)	0%	0%	0%	0.00%	0.00%	0.00%
% of Advanced Art Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Advanced Art	0	0	0	0	0	0
% of Students taking Advanced Art (of all students)	0%	0%	0%	0%	0%	0%
English						
Average English Credits Per Student	3.14	3.77	4.06	0.63	0.29	0.92
Average Credits (all departments)	19.06	20.92	21.58	1.86	0.66	2.52
% of English Credits (of all depts.)	16%	18%	19%	2.00%	1.00%	3.00%
# of Students taking English	27	23	26	-4	3	-1
# of Students (total sample)	27	23	26	-4	3	-1
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	1.29	1.10	1.77	-0.19	0.67	0.48
% of Basic English Credits (of all Eng.)	41%	29%	44%	-12.00%	15.00%	3.00%
% of Basic English Credits (of all depts)	6.8%	5.2%	8.2%	-1.60%	3.00%	1.40%
# of Students taking Basic English	21	22	26	1	4	5

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Students taking Basic English (of all students)	78%	96%	100%	18%	4%	22%
Middle Level English						
Average Middle English Credits Per Student	1.02	1.28	1.10	0.26	-0.18	0.08
% of Middle English Credits (of all Eng.)	32%	34%	27%	2.00%	-7.00%	-5.00%
% of Middle English Credits (of all depts)	5.3%	6.1%	5.1%	0.80%	-1.00%	-0.20%
# of Students taking Middle English	24	20	25	-4	5	1
% of Students taking Middle English (of all students)	89%	87%	96%	-2%	9%	7%
Advanced Level English						
Average Adv. English Credits Per Student	0.83	1.39	1.19	0.56	-0.20	0.36
% of Adv. English Credits (of all Eng.)	27%	37%	29%	10.00%	-8.00%	2.00%
% of Adv. English Credits (of all depts.)	4.4%	6.6%	5.5%	2.20%	-1.10%	1.10%
# of Students taking Advanced English	21	20	22	-1	2	1
% of Students taking Advanced English (of all students)	78%	87%	85%	9%	-2%	7%
Foreign Language						
Average F. Lang. Credits Per Student	0.50	0.87	1.25	0.37	0.38	0.75
Average Credits (all depts.)	19.06	20.92	21.58	1.86	0.66	2.52
% of F. Lang. Credits (of all depts.)	2.6%	4.2%	5.8%	1.60%	1.60%	3.20%
# of Students taking F. Language	10	15	19	5	4	9
# of Students (total sample)	27	23	26	-4	3	-1
% of Students taking F. Language (of all students)	37%	65%	73%	28%	8%	36%
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.37	0.67	0.75	0.30	0.08	0.38
% of Basic F.Lang.Credits (of all F.Lang)	74%	77%	60%	3.00%	-17.00%	-14.00%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Basic F.Lang.Credits (of all depts.)	1.9%	3.2%	3.5%	1.30%	0.30%	1.60%
# of Students taking Basic F.Lang.	10	15	19	5	4	9
% of Students taking Basic F.Lang. (of all students)	37%	65%	73%	28%	8%	36%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.13	0.20	0.44	0.07	0.24	0.31
% of Middle F.Lang.Credits (of all F.Lang)	26%	23%	35%	-3.00%	12.00%	9.00%
% of Middle F.Lang.Credits (of all depts)	.68%	.94%	2.0%	0.26%	1.06%	1.32%
# of Students taking Middle F.Lang.	4	8	11	4	3	7
% of Students taking Middle F.Lang. (of all students)	15%	35%	42%	20%	7%	27%
Advanced Level Foreign Language						
Average Adv. F. Lang. Credits Per Student	0.00	0.00	0.06	0.00	0.06	0.06
% of Adv. F.Lang.Credits (of all F.Lang)	0%	0%	4.6%	0.00%	4.60%	4.60%
% of Adv. F.Lang.Credits (of all depts.)	0%	0%	.27%	0.00%	0.27%	0.27%
# of Students taking Adv. F.Lang.	0	0	2	0	2	2
% of Students taking Adv. F.Lang. (of all students)	0%	0%	7.7%	0%	7.7%	7.7%
Personal Skills						
Average Pers. Skills Credits Per Student	3.64	3.48	3.37	-0.16	-0.11	-0.27
Average Pers. Skills Credits (all depts.)	19.06	20.92	21.58	1.86	0.66	2.52
% of Pers. Skills Credits (of all depts.)	19%	17%	16%	-2.00%	-1.00%	-3.00
# of Students taking Pers. Skills	27	23	26	-4	3	-1
# of Students (total sample)	27	23	26	-4	3	-1
% of Students taking Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%

Table E1.8 (cont.)

BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	Average Credits 1982	1985	1988	Change in Average Credits 1985-1982	1988-1985	1988-1982
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	3.60	3.48	3.31	-0.12	-0.17	-0.29
% of Basic Pers.S.Credits (of all P.S.)	99%	100%	98%	1.00%	-2.00%	-1.00%
% of Basic Pers.S.Credits (of all depts.)	19%	17%	15%	-2.00%	-2.00%	-4.00%
# of Students taking Basic Pers. Skills	27	23	26	-4	3	-1
% of Students taking Basic Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Middle Pers.S.Credits (of all P.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Middle Pers.S.Credits (of all depts)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Middle Pers. Skills	0	0	0	0	0	0
% of Students taking Middle Pers. Skills (of all students)	0%	0%	0%	0.00%	0.00%	0.00%
Advanced Level Personal Skills						
Average Adv. Pers.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Adv.Pers.S.Credits (of all P.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv.Pers.S.Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Studnets taking Adv. Pers. Skills	0	0	0	0	0	0
% of Students taking Adv. Pers. Skills (of all students)	0%	0%	0%	0%	0%	0%
Social Studies						
Average S.S. Credits Per Student	2.78	2.91	3.33	0.13	0.42	0.55
Average Credits (all departments)	19.06	20.92	21.58	1.86	0.66	2.52
% of S.S.Credits (of all depts.)	15%	14%	15%	-1.00%	1.00%	0.00%
# of Students taking S.S.	27	23	26	-4	3	-1

Table E1.8 (cont.)

BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	Average Credits 1982	1985	1988	Change in Average Credits 1985-1982	1988-1985	1988-1982
# of Students (total sample)	27	23	26	-4	3	-1
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	2.78	2.91	3.33	0.13	0.42	0.55
% of Basic S.S.Credits (of all S.S.)	100%	100%	100%	0.00%	0.00%	0.00%
% of Basic S.S.Credits (of all depts.)	15%	14%	15%	-1.00%	1.00%	0.00%
# of Students taking Basic S.S.	27	23	26	-4	3	-1
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Middle S.S.Credits (of all S.S)	0%	0%	0%	0.00%	0.00%	0.00%
% of Middle S.S.Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Middle S.S.	0	0	0	0	0	0
% of Students taking Middle S.S. (of all students)	0%	0%	0%	0%	0%	0%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Adv. S.S.Credits (of all S.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv. S.S. Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Advanced S.S.	0	0	0	0	0	0
% of Students taking Advanced S.S. (of all students)	0%	0%	0%	0%	0%	0%
HIGH SCHOOL 3, DISTRICT 2, CALIFORNIA						
Art						
Average Art Credits Per Student	1.59	1.18	1.85	-0.41	0.67	0.26

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Average Credits (all departments)	22.27	22.42	22.58	0.15	0.16	0.31
% of Art Credits (of all depts.)	7.1%	5.3%	8.2%	-1.80%	2.90%	1.10%
# of Students taking Art	30	25	29	-5	4	-1
# of Students (total sample)	36	26	31	-10	5	-5
% of Students taking Art (of all students)	83%	96%	94%	13%	-2%	11%
Basic Level Art						
Average Basic Art Credits Per Student	1.46	1.14	1.59	-0.32	0.45	0.13
% of Basic Art Credits (of all Art)	92%	97%	86%	5.00	-11.00	-6.00
% of Basic Art Credits (of all depts.)	6.6%	5.1%	7.0%	-1.50%	1.90%	0.40%
# of Students taking Basic Art	30	25	29	-5	4	-1
% of Students taking Basic Art (of all students)	83%	96%	94%	13%	-2%	11%
Middle Level Art						
Average Middle Art Credits Per Student	0.03	0.04	0.24	0.01	0.20	0.21
% of Middle Art Credits (of all Art)	1.8%	3.2%	13%	1.40%	9.80%	11.20%
% of Middle Art Credits (of all depts.)	.13%	.17%	1.1%	0.04%	0.93%	0.97%
# of Students taking Middle Art	1	2	11	1	9	10
% of Students taking Middle Art (of all students)	2.8%	7.7%	35%	4.90%	27.30%	32.20%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.10	0.00	0.02	-0.10	0.02	-0.08
% of Advanced Art Credits (of all Art)	6.1%	0%	1.1%	-6.10%	1.10%	-5.00%
% of Advanced Art Credits (of all depts.)	.44%	0%	.09%	-0.44%	0.09%	-0.35%
# of Students taking Advanced Art	5	0	1	-5	1	-4
% of Students taking Advanced Art (of all students)	14%	0%	3.2%	-14%	3%	-10%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
English						
Average English Credits Per Student	3.44	3.79	3.76	0.35	-0.03	0.32
Average Credits (all departments)	22.27	22.42	22.58	0.15	0.16	0.31
% of English Credits (of all depts.)	15%	17%	17%	2.00%	0.00%	2.00%
# of Students taking English	36	26	31	-10	5	-5
# of Students (total sample)	36	26	31	-10	5	-5
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	3.37	3.55	3.56	0.18	0.01	0.19
% of Basic English Credits (of all Eng.)	98%	94%	95%	-4.00%	1.00%	-3.00
% of Basic English Credits (of all depts)	15%	16%	16%	1.00%	0.00%	1.00%
# of Students taking Basic English	36	26	31	-10	5	-5
% of Students taking Basic English (of all students)	100%	100%	100%	0%	0%	0%
Middle Level English						
Average Middle English Credits Per Student	0.13	0.10	0.19	-0.03	0.09	0.06
% of Middle English Credits (of all Eng.)	3.6%	2.5%	5.2%	-1.10%	2.70%	1.60%
% of Middle English Credits (of all depts)	.56%	.43%	.86%	-0.13%	0.43%	0.30%
# of Students taking Middle English	5	3	10	-2	7	5
% of Students taking Middle English (of all students)	14%	12%	32%	-2%	20%	18%
Advanced Level English						
Average Adv. English Credits Per Student	0.29	0.10	0.05	-0.19	-0.05	-0.24
% of Adv. English Credits (of all Eng.)	8.4%	2.5%	1.3%	-5.90%	-1.20%	-7.10%
% of Adv. English Credits (of all depts.)	1.3%	.43%	.21%	-0.87%	-0.22%	-1.09%
# of students taking Advanced English	13	3	3	-10	0	-10

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Students taking Advanced English (of all students)	36%	12%	9.7%	-24%	-2.3%	-26.3%
Foreign Language						
Average F. Lang. Credits Per Student	0.82	0.83	0.50	0.01	-0.33	-0.32
Average Credits (all depts.)	22.27	22.42	22.58	0.15	0.16	0.31
% of F. Lang. Credits (of all depts.)	3.7%	3.7%	2.2%	0.00%	-1.50%	-1.50%
# of Students taking F. Language	20	17	21	-3	4	1
# of Students (total sample)	36	26	31	-10	5	-5
% of Students taking F. Language (of all students)	56%	65%	68%	9%	3%	12%
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.58	0.62	0.42	0.04	-0.20	-0.16
% of Basic F.Lang.Credits (of all F.Lang)	71%	74%	84%	3.00%	10.00%	13.00%
% of Basic F.Lang.Credits (of all depts.)	2.6%	2.7%	1.9%	0.10%	-0.80%	-0.70%
# of Students taking Basic F.Lang.	20	17	20	-3	3	0
% of Students taking Basic F.Lang. (of all students)	56%	65%	65%	9%	0%	9%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.17	0.21	0.08	0.04	-0.13	-0.09
% of Middle F.Lang.Credits (of all F.Lang)	20%	26%	16%	6.00%	-10.00%	-4.00%
% of Middle F.Lang.Credits (of all depts)	.75%	.95%	.36%	0.20%	-0.59%	-0.39%
# of Students taking Middle F.Lang.	7	7	6	0	-1	-1
% of Students taking Middle F.Lang. (of all students)	19%	27%	19%	8%	-8%	0%
Advanced Level Foreign Language						
Average Adv. F. Lang. Credits Per Student	0.08	0.00	0.00	-0.08	0.00	-0.08
% of Adv. F.Lang.Credits (of all F.Lang)	10%	0%	0%	-10.00%	0.00%	-10.00%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Adv. F.Lang.Credits (of all depts.)	.37%	0%	0%	-0.37%	0.00%	-0.37%
# of Students taking Adv. F.Lang.	3	0	0	-3	0	-3
% of Students taking Adv. F.Lang. (of all students)	8.3%	0%	0%	-8.3%	0%	-8.3%
Personal Skills						
Average Pers. Skills Credits Per Student	4.83	4.57	4.08	-0.26	-0.49	-0.75
Average Credits (all depts.)	22.27	22.42	22.58	0.15	0.16	0.31
% of Pers. Skills Credits (of all depts.)	22%	20%	18%	-2.00%	-2.00%	-4.00%
# of Students taking Pers. Skills	36	26	31	-10	5	-5
# of Students (total sample)	36	26	31	-10	5	-5
% of Students taking Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	4.47	4.55	3.61	0.08	-0.94	-0.86
% of Basic Pers.S.Credits (of all P.S.)	92%	100%	89%	8.00%	-11.00%	-3.00%
% of Basic Pers.S.Credits (of all depts.)	20%	20%	16%	0.00%	-4.00%	-4.00%
# of Students taking Basic Pers. Skills	36	26	31	-10	5	-5
% of Students taking Basic Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Middle Pers.S.Credits (of all P.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Middle Pers.S.Credits (of all depts)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Middle Pers. Skills	0	0	0	0	0	0
% of Students taking Middle Pers. Skills (of all students)	0%	0%	0%	0%	0%	0%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Advanced Level Personal Skills						
Average Adv. Pers.S.Credits Per Student	0.00	0.07	0.43	0.07	0.36	0.43
% of Adv.Pers.S.Credits (of all P.S.)	0%	1.5%	10%	1.50%	8.50%	10.00%
% of Adv.Pers.S.Credits (of all depts.)	0%	.30%	1.9%	0.30%	1.60%	1.90%
# of Students taking Adv. Pers. Skills	0	4	11	4	7	11
% of Students taking Adv. Pers. Skills (of all students)	0%	15%	35%	15%	20%	35%
Social Studies						
Average S.S. Credits Per Student	3.33	3.43	3.32	0.10	-0.11	-0.01
Average Credits (all departments)	22.27	22.42	22.58	0.15	0.16	0.31
% of S.S.Credits (of all depts.)	15%	15%	15%	0.00%	0.00%	0.00%
# of Students taking S.S.	36	26	31	-10	5	-5
# of Students (total sample)	36	26	31	-10	5	-5
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	3.31	3.41	3.29	0.10	-0.12	-0.02
% of Basic S.S.Credits (of all S.S.)	99%	99%	99%	0.00%	0.00%	0.00%
% of Basic S.S.Credits (of all depts.)	15%	15%	15%	0.00%	0.00%	0.00%
# of Students taking Basic S.S.	36	26	31	-10	5	-5
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Middle S.S.Credits (of all S.S)	0%	0%	0%	0.00%	0.00%	0.00%
% of Middle S.S.Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Middle S.S.	0	0	0	0	0	0
% of Students taking Middle S.S. (of all depts.)	0%	0%	0%	0%	0%	0%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.02	0.02	0.02	0.00	0.02
% of Adv. S.S.Credits (of all S.S.)	0%	.55%	.48%	0.55%	-0.07%	0.48%
% of Adv. S.S. Credits (of all depts.)	0%	.08%	.07%	0.08%	-0.01%	0.07%
# of Students taking Advanced S.S.	0	1	1	1	0	1
% of Students taking Advanced S.S. (of all students)	0%	3.8%	3.2%	3.8%	-0.6%	3.2%
HIGH SCHOOL 4, DISTRICT 3, CALIFORNIA						
Art						
Average Art Credits Per Student	1.98	1.37	2.02	-0.61	0.65	0.04
Average Credits (all departments)	24.83	25.82	23.55	0.99	-2.27	-1.28
% of Art Credits (of all depts.)	8.0%	5.3%	8.6%	-2.70%	3.30%	0.60%
# of Students taking Art	24	19	22	-5	3	-2
# of Students (total sample)	28	27	25	-1	-2	-3
% of Students taking Art (of all students)	86%	70%	88%	-16%	18%	2%
Basic Level Art						
Average Basic Art Credits Per Student	1.59	1.02	0.70	-0.57	-0.32	-0.89
% of Basic Art Credits (of all Art)	80%	74%	35%	-6.00%	-39.00%	-45.00%
% of Basic Art Credits (of all depts.)	6.4%	4.0%	3.0%	-2.40%	-1.00%	-3.40%
# of Students taking Basic Art	24	20	17	-4	-3	-7
% of Students taking Basic Art (of all students)	86%	74%	68%	-12%	-6%	-18%
Middle Level Art						
Average Middle Art Credits Per Student	0.16	0.06	0.76	-0.10	0.70	0.60
% of Middle Art Credits (of all Art)	8.1%	4.1%	38%	-4.00%	33.90%	29.90%
% of Middle Art Credits (of all depts.)	.65%	.22%	3.2%	-0.43%	2.98%	2.55%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
# of Students taking Middle Art	3	2	12	-1	10	9
% of Students taking Middle Art (of all students)	11%	7.4%	48%	-3.6%	40.6%	37%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.29	0.41	0.58	0.12	0.17	0.29
% of Advanced Art Credits (of all Art)	14%	30%	29%	16.00%	-1.00%	15.00%
% of Advanced Art Credits (of all depts.)	1.2%	1.6%	2.5%	0.40%	0.90%	1.30%
# of Students taking Advanced Art	6	6	8	0	2	2
% of Students taking Advanced Art (of all students)	21%	22%	32%	1%	10%	11%
English						
Average English Credits Per Student	4.25	5.02	4.53	0.77	-0.49	0.28
Average Credits (all departments)	24.83	25.82	23.55	0.99	-2.27	-1.28
% of English Credits (of all depts.)	17%	19%	19%	2.00%	0.00%	2.00%
# of Students taking English	28	27	25	-1	-2	-3
# of Students (total sample)	28	27	25	-1	-2	-3
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	2.16	2.33	1.50	0.17	-0.83	-0.66
% of Basic English Credits (of all Eng.)	51%	46%	33%	-5.00%	-13.00%	-18.00%
% of Basic English Credits (of all depts)	8.7%	9.0%	6.4%	0.30%	-2.60%	-2.30%
# of Students taking Basic English	28	27	25	-1	-2	-3
% of Students taking Basic English (of all students)	100%	100%	100%	0%	0%	0%
Middle Level English						
Average Middle English Credits Per Student	0.29	0.74	1.02	0.45	0.28	0.73

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Middle English Credits (of all Eng.)	6.7%	15%	23%	8.30%	8.00%	16.30%
% of Middle English Credits (of all depts)	1.2%	2.9%	4.3%	1.70%	1.40%	3.10%
# of Students taking Middle English	9	21	24	12	3	15
% of Students taking Middle English (of all students)	32%	78%	96%	46%	18%	64%
Advanced Level English						
Average Adv. English Credits Per Student	1.32	1.72	1.83	0.40	0.11	0.51
% of Adv. English Credits (of all Eng.)	31%	34%	40%	3.00%	6.00%	9.00%
% of Adv. English Credits (of all depts.)	5.3%	6.7%	7.8%	1.40%	1.10%	2.50%
# of Students taking Advnaced English	23	27	24	4	-3	1
% of Students taking Advanced English (of all students)	82%	100%	96%	18%	-4%	14%
Foreign Language						
Average F. Lang. Credits Per Student	1.32	1.98	1.58	0.66	-0.40	0.26
Average Credits (all depts.)	24.83	25.82	23.55	0.99	-2.27	-1.28
% of F. Lang. Credits (of all depts.)	5.3%	7.7%	6.7%	2.40%	-1.00%	1.40%
# of Students taking F. Language	28	27	24	-1	-3	-4
# of Students (total sample)	28	27	25	-1	-2	-3
% of Students taking F. Language (of all students)	100%	100%	96%	0%	-4%	-4%
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.96	1.32	0.90	0.36	-0.42	-0.06
% of Basic F.Lang.Credits (of all F.Lang)	73%	66%	57%	-7.00%	-9.00%	-16.00%
% of Basic F.Lang.Credits (of all depts.)	3.9%	5.1%	3.8%	1.20%	-1.30%	-0.10%
# of Students taking Basic F.Lang.	28	27	24	-1	-3	-4
% of Students taking Basic F.Lang. (of all students)	100%	100%	96%	0%	-4%	-4%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.32	0.48	0.58	0.16	0.10	0.26
% of Middle F.Lang.Credits (of all F.Lang)	24%	24%	37%	0.00%	13.00%	13.00%
% of Middle F.Lang.Credits (of all depts.)	1.3%	1.9%	2.5%	0.60%	0.60%	1.20%
# of Students taking Middle F.Lang.	10	14	18	4	4	8
% of Students taking Middle F.Lang. (of all students)	36%	52%	72%	16%	20%	36%
Advanced Level Foreign Language						
Average Adv. F. Lang. Credits Per Student	0.04	0.19	0.10	0.15	-0.09	0.06
% of Adv. F.Lang.Credits (of all F.Lang)	2.7%	9.3%	6.3%	6.60%	-3.00%	3.60%
% of Adv. F.Lang.Credits (of all depts.)	.15%	.72%	.42%	0.57%	-0.30%	0.27%
# of Students taking Adv. F.Lang.	1	5	3	4	-2	2
% of Students taking Adv. F.Lang. (of all students)	3.6%	19%	12%	15.4%	-7%	8.4%
Personal Skills						
Average Pers. Skills Credits Per Student	3.41	3.63	2.83	0.22	-0.80	-0.58
Average Credits (all depts.)	24.83	25.82	23.55	0.99	-2.27	-1.28
% of Pers. Skills Credits (of all depts.)	14%	14%	12%	0.00%	-2.00%	-2.00%
# of Students taking Pers. Skills	27	27	25	0	-2	-2
# of Students (total sample)	28	27	25	-1	-2	-3
% of Students taking Pers. Skills (of all students)	96%	100%	100%	4%	0%	4%
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	2.95	3.63	2.63	0.68	-1.00	-0.32
% of Basic Pers.S.Credits (of all P.S.)	86%	100%	100%	14.00%	0.00%	14.00%
% of Basic Pers.S.Credits (of all depts.)	12%	14%	11%	2.00%	-3.00%	-1.00%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL **Art, English, Foreign Language, Personal Skills, and Social Studies**	1982	1985	1988	1985-1982	1988-1985	1988-1982
# of Students taking Basic Pers. Skills	27	27	25	0	-2	-2
% of Students taking Basic Pers. Skills (of all students)	96%	100%	100%	4%	0%	4%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.20	0.06	0.08	-0.14	0.02	-0.12
% of Middle Pers.S.Credits (of all P.S.)	5.7%	1.5%	2.8%	-4.20%	1.30%	-2.90%
% of Middle Pers.S.Credits (of all depts)	.79%	.22%	.34%	-0.57%	0.12%	-0.45%
# of Students taking Middle Pers. Skills	6	2	2	-4	0	-4
% of Students taking Middle Pers. Skills (of all students)	21%	7.4%	8.0%	-13.6%	0.6%	-13%
Advanced Level Personal Skills						
Average Adv. Pers.S.Credits Per Student	0.20	0.15	0.12	-0.05	-0.03	-0.08
% of Adv.Pers.S.Credits (of all P.S.)	5.7%	4.1%	4.2%	-1.60%	0.10%	-1.50%
% of Adv.Pers.S.Credits (of all depts.)	.79%	.57%	.51%	-0.22%	-0.06%	-0.28%
# of Students taking Adv. Pers. Skills	6	4	2	-2	-2	-4
% of Students taking Adv. Pers. Skills (of all students)	21%	15%	8.0%	-6%	-7%	-13%
Social Studies						
Average S.S. Credits Per Student	3.55	3.43	3.72	-0.12	0.29	0.17
Average Credits (all departments)	24.83	25.82	23.55	0.99	-2.27	-1.28
% of S.S.Credits (of all depts.)	14.3%	13%	16%	-1.30%	3.00%	1.70%
# of Students taking S.S.	28	27	25	-1	-2	-3
# of Students (total sample)	28	27	25	-1	-2	-3
% of Students taking S.S. (of all depts.)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	3.05	2.87	3.34	-0.18	0.47	0.29

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Basic S.S.Credits (of all S.S.)	86%	84%	90%	-2.00%	6.00%	4.00%
% of Basic S.S.Credits (of all depts.)	12%	11%	14%	-1.00%	3.00%	2.00%
# of Students taking Basic S.S.	28	27	25	-1	-2	-3
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.02	0.00	0.00	-0.02	0.00	-0.02
% of Middle S.S.Credits (of all S.S)	.51%	0%	0%	-0.51%	0.00%	-0.51%
% of Middle S.S.Credits (of all depts.)	.07%	0%	0%	-0.07%	0.00%	-0.07%
# of Students taking Middle S.S.	1	0	0	-1	0	-1
% of Students taking Middle S.S. (of all students)	3.6%	0%	0%	-3.6%	0%	-3.6%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.38	0.37	0.26	-0.01	-0.11	-0.12
% of Adv. S.S.Credits (of all S.S.)	11%	11%	7.0%	0.00%	-4.00%	-4.00%
% of Adv. S.S. Credits (of all depts.)	1.5%	1.4%	1.1%	-0.10%	-0.30%	-0.40%
# of Students taking Advanced S.S.	8	9	8	1	-1	0
% of Students taking Advanced S.S. (of all students)	29%	33%	32%	4%	-1%	3%
HIGH SCHOOL 5, DISTRICT 4, FLORIDA						
Art						
Average Art Credits Per Student	1.31	1.23	1.60	-0.08	0.37	0.29
Average Credits (all departments)	24.20	23.44	25.44	-0.76	2.00	1.24
% of Art Credits (of all depts.)	5.4%	5.2%	6.3%	-0.20%	1.10%	0.90%
# of Students taking Art	17	10	25	-7	15	8
# of Students (total sample)	25	25	25	0	0	0

Table E1.8 (cont.)

BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	Average Credits 1982	1985	1988	Change in Average Credits 1985-1982	1988-1985	1988-1982
% of Students taking Art (of all students)	68%	40%	100%	-28%	60%	32%
Basic Level Art						
Average Basic Art Credits Per Student	1.01	0.97	1.42	-0.04	0.45	0.41
% of Basic Art Credits (of all Art)	77%	79%	89%	2.00%	10.00%	12.00%
% of Basic Art Credits (of all depts.)	4.2%	4.1%	5.6%	-0.10%	1.50%	1.40%
# of Students taking Basic Art	14	10	24	-4	14	10
% of Students taking Basic Art (of all students)	56%	40%	96%	-16%	56%	40%
Middle Level Art						
Average Middle Art Credits Per Student	0.14	0.20	0.06	0.06	-0.14	-0.08
% of Middle Art Credits (of all Art)	11%	16%	3.8%	5.00%	-12.20%	-7.20%
% of Middle Art Credits (of all depts.)	.58%	.85%	.24%	0.27%	-0.61%	-0.34%
# of Students taking Middle Art	4	4	2	0	-2	-2
% of Students taking Middle Art (of all students)	16%	16%	8.0%	0%	-8%	-8%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.16	0.06	0.12	-0.10	0.06	-0.04
% of Advanced Art Credits (of all Art)	12%	4.9%	7.5%	-7.10%	2.60%	-4.50%
% of Advanced Art Credits (of all depts.)	.66%	.26%	.47%	-0.40%	0.21%	-0.19%
# of Students taking Advanced Art	2	1	4	-1	3	2
% of Students taking Advanced Art (of all students)	8.0%	4.0%	16%	-4%	12%	8%
English						
Average English Credits Per Student	4.29	3.87	4.28	-0.42	0.41	-0.01
Average Credits (all departments)	24.20	23.44	25.44	-0.76	2.00	1.24
% of English Credits (of all depts.)	18%	17%	17%	-1.00%	0.00%	-1.00%
# of Students taking English	25	25	25	0	0	0

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
# of Students (total sample)	25	25	25	0	0	0
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	2.91	1.46	1.38	-1.45	-0.08	-1.53
% of Basic English Credits (of all Eng.)	68%	38%	32%	-30.00%	-6.00%	-36.00%
% of Basic English Credits (of all depts)	12%	6.2%	5.4%	-5.80%	-0.80%	-6.60%
# of Students taking Basic English	25	24	25	-1	1	0
% of Students taking Basic English (of all students)	100%	96%	100%	-4%	4%	0%
Middle Level English						
Average Middle English Credits Per Student	0.94	1.49	1.94	0.55	0.45	1.00
% of Middle English Credits (of all Eng.)	22%	39%	45%	17.00%	6.00%	23.00%
% of Middle English Credits (of all depts)	3.9%	6.4%	7.6%	2.50%	1.20%	3.70%
# of Students taking Middle English	23	25	25	2	0	2
% of Students taking Middle English (of all students)	92%	100%	100%	8%	0%	8%
Advanced Level English						
Average Adv. English Credits Per Student	0.44	0.80	0.96	0.36	0.16	0.52
% of Adv. English Credits (of all Eng.)	10%	21%	22%	11.00%	1.00%	12.00%
% of Adv. English Credits (of all depts.)	1.8%	3.4%	3.8%	1.60%	0.40%	2.00%
# of Students taking Advanced English	17	19	20	2	1	3
% of Students taking Advanced English (of all students)	68%	76%	80%	8%	4%	12%
Foreign Language						
Average F. Lang. Credits Per Student	0.60	0.65	1.22	0.05	0.57	0.62
Average Credits (all depts.)	24.20	23.44	25.44	-0.76	2.00	1.24

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of F. Lang. Credits (of all depts.)	2.5%	2.8%	4.8%	0.30%	2.00%	2.30%
# of Students taking F. Language	9	11	18	2	7	9
# of Students (total sample)	25	25	25	0	0	0
% of Students taking F. Language (of all students)	36%	44%	72%	8%	28%	36%
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.36	0.33	0.64	-0.03	0.31	0.28
% of Basic F.Lang.Credits (of all F.Lang)	60%	51%	52%	-9.00%	1.00%	-8.00%
% of Basic F.Lang.Credits (of all depts)	1.5%	1.4%	2.5%	-0.10%	1.10%	1.00%
# of Students taking Basic F.Lang.	8	9	17	1	8	9
% of Students taking Basic F.Lang. (of all students)	32%	36%	68%	4%	32%	36%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.12	0.26	0.38	0.14	0.12	0.26
% of Middle F.Lang.Credits (of all F.Lang)	20%	40%	31%	20.00%	-9.00%	11.00%
% of Middle F.Lang.Credits (of all depts)	.50%	1.1%	1.5%	0.60%	0.40%	1.00%
# of Students taking Middle F.Lang.	4	6	11	2	5	7
% of Students taking Middle F.Lang. (of all students)	16%	24%	44%	8%	20%	28%
Advanced Level Foreign Language						
Average Adv. F. Lang. Credits Per Student	0.12	0.06	0.20	-0.06	0.14	0.08
% of Adv. F.Lang.Credits (of all F.Lang)	20%	9.2%	16%	-10.80%	6.80%	-4.00%
% of Adv. F.Lang.Credits (of all depts.)	.50%	.26%	.79%	-0.24%	0.53%	0.29%
# of Students taking Adv. F.Lang.	2	1	4	-1	3	2
% of Students taking Adv. F.Lang. (of all students)	8.0%	4%	16%	-4%	12%	8%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Personal Skills						
Average Pers. Skills Credits Per Student	4.32	4.02	3.48	-0.30	-0.54	-0.84
Average Pers. Skills Credits (all depts.)	24.20	23.44	25.44	-0.76	2.00	1.24
% of Pers. Skills Credits (of all depts.)	18%	17%	14%	-1.00%	-3.00%	-4.00%
# of Students taking Pers. Skills	25	25	25	0	0	0
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	3.29	4.02	3.54	0.73	-0.48	0.25
% of Basic Pers.S.Credits (of all P.S.)	76%	100%	102%	24.00%	2.00%	26.00%
% of Basic Pers.S.Credits (of all depts.)	14%	17%	14%	3.00%	-3.00%	0.00%
# of Students taking Basic Pers. Skills	25	25	25	0	0	0
% of Students taking Basic Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.18	0.00	0.00	-0.18	0.00	-0.18
% of Middle Pers.S.Credits (of all P.S.)	4.2%	0%	0%	-4.20%	0.00%	-4.20%
% of Middle Pers.S.Credits (of all depts)	.74%	0%	0%	-0.74%	0.00%	-0.74%
# of Students taking Middle Pers. Skills	7	0	0	-7	0	-7
% of Students taking Middle Pers. Skills (of all students)	28%	0%	0%	-28%	0%	-28%
Advanced Level Personal Skills						
Average Adv. Pers.S.Credits Per Student	0.00	0.00	0.02	0.00	0.02	0.02
% of Adv.Pers.S.Credits (of all P.S.)	0%	0%	.57%	0.00%	0.57%	0.57%
% of Adv.Pers.S.Credits (of all depts.)	0%	0%	.08%	0.00%	0.08%	0.08%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
# of Students taking Adv. Pers. Skills	0	0	1	0	1	1
% of Students taking Adv. Pers. Skills (of all students)	0%	0%	4.0%	0%	4%	4%
Social Studies						
Average S.S. Credits Per Student	3.08	2.19	3.28	-0.89	1.09	0.20
Average Credits (all departments)	24.20	23.44	25.44	-0.76	2.00	1.24
% of S.S.Credits (of all depts.)	13%	9.3%	13%	-3.70%	3.70%	0.00%
# of Students taking S.S.	25	25	25	0	0	0
# of Students (total sample)	25	25	25	0	0	0
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	2.46	1.89	2.70	-0.57	0.81	0.24
% of Basic S.S.Credits (of all S.S.)	80%	86%	82%	6.00%	-4.00%	2.00%
% of Basic S.S.Credits (of all depts.)	10%	8.1%	11%	-1.90%	2.90%	1.00%
# of Students taking Basic S.S.	25	24	25	-1	1	0
% of Students taking Basic S.S. (of all students)	100%	96%	100%	-4%	4%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.60	0.14	0.16	-0.46	0.02	-0.44
% of Middle S.S.Credits (of all S.S)	19%	6.4%	4.9%	-12.60%	-1.50%	-14.10%
% of Middle S.S.Credits (of all depts.)	2.5%	.60%	.63%	-1.90%	0.03%	-1.87%
# of Students taking Middle S.S.	22	5	6	-17	1	-16
% of Students taking Middle S.S. (of all students)	88%	20%	24%	-68%	4%	-64%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.16	0.30	0.16	0.14	0.30
% of Adv. S.S.Credits (of all S.S.)	0%	7.3%	9.1%	7.30%	1.80%	9.10%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Adv. S.S. Credits (of all depts.)	0%	.68%	1.2%	0.68%	0.52%	1.20%
# of Students taking Advanced S.S.	0	3	7	3	4	7
% of Students taking Advanced S.S. (of all students)	0%	12%	28%	12%	16%	28%
HIGH SCHOOL 6, DISTRICT 4, FLORIDA						
Art						
Average Art Credits Per Student	1.11	1.72	1.64	0.61	-0.08	0.53
Average Credits (all departments)	20.37	23.59	23.60	3.22	0.01	3.23
% of Art Credits (of all depts.)	5.4%	7.3%	6.9%	1.90%	-0.40%	1.50%
# of Students taking Art	12	20	26	8	6	14
# of Students (total sample)	28	27	26	-1	-1	-2
% of Students taking Art (of all students)	43%	74%	100%	31%	26%	57%
Basic Level Art						
Average Basic Art Credits Per Student	0.88	1.28	1.31	0.40	0.03	0.43
% of Basic Art Credits (of all Art)	79%	74%	80%	-5.00%	6.00%	1.00%
% of Basic Art Credits (of all depts.)	4.3%	5.4%	5.5%	1.10%	0.10%	1.20%
# of Students taking Basic Art	12	19	24	7	5	12
% of Students taking Basic Art (of all students)	43%	70%	92%	27%	22%	49%
Middle Level Art						
Average Middle Art Credits Per Student	0.21	0.19	0.17	-0.02	-0.02	-0.04
% of Middle Art Credits (of all Art)	19%	11%	11%	-8.00%	0.00%	-8.00%
% of Middle Art Credits (of all depts.)	1.1%	.78%	.73%	-0.32%	-0.05%	-0.37%
# of Students taking Middle Art	2	4	8	2	4	6
% of Students taking Middle Art (of all students)	7.1%	15%	31%	7.9%	16%	23.9%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Advanced Level Art						
Average Advanced Art Credits Per Student	0.02	0.26	0.15	0.24	-0.11	0.13
% of Advanced Art Credits (of all Art)	1.6%	15%	9.4%	13.40%	-5.60%	7.80%
% of Advanced Art Credits (of all depts.)	.09%	1.1%	.65%	1.01%	-0.45%	0.56%
# of Students taking Advanced Art	1	3	2	2	-1	1
% of Students taking Advanced Art (of all students)	3.6%	11%	7.8%	7.4%	-3.2%	4.2%
English						
Average English Credits Per Student	4.00	4.17	4.06	0.17	-0.11	0.06
Average Credits (all departments)	20.38	23.59	23.60	3.21	0.01	3.22
% of English Credits (of all depts.)	20%	18%	17%	-2.00%	-1.00%	-3.00%
# of Students taking English	28	27	26	-1	-1	-2
# of Students (total sample)	28	27	26	-1	-1	-2
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	2.07	1.00	1.56	-1.07	0.56	-0.51
% of Basic English Credits (of all Eng.)	52%	24%	38%	-28.00%	14.00%	-14.00%
% of Basic English Credits (of all depts)	10%	4.2%	6.6%	-5.80%	2.40%	-3.40%
# of Students taking Basic English	26	22	26	-4	4	0
% of Students taking Basic English (of all students)	93%	81%	100%	-12%	19%	7%
Middle Level English						
Average Middle English Credits Per Student	1.43	2.44	1.08	1.01	-1.36	-0.35
% of Middle English Credits (of all Eng.)	36%	59%	27%	23.00%	-32.00%	-9.00%
% of Middle English Credits (of all depts)	7.0%	10%	4.6%	3.00%	-5.40%	-2.40%
# of Students taking Middle English	27	27	20	0	-7	-7

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Students taking Middle English (of all students)	96%	100%	77%	4%	-23%	-19%
Advanced Level English						
Average Adv. English Credits Per Student	0.41	0.70	1.42	0.29	0.72	1.01
% of Adv. English Credits (of all Eng.)	10%	17%	35%	7.00%	18.00%	25.00%
% of Adv. English Credits (of all depts.)	2.0%	3.0%	6.0%	1.00%	3.00%	4.00%
# of Students taking Advanced English	13	15	26	2	11	13
% of Students taking Advanced English (of all students)	46%	56%	100%	10%	44%	54%
Foreign Language						
Average F. Lang. Credits Per Student	0.20	0.24	0.73	0.04	0.49	0.53
Average F. Lang. Credits (all depts.)	20.38	23.59	23.60	3.21	0.01	3.22
% of F. Lang. Credits (of all depts.)	.96%	1.0%	3.1%	0.04%	2.10%	2.14%
# of Students taking F. Language	5	7	10	2	3	5
# of Students (total sample)	28	27	26	-1	-1	-2
% of Students taking F. Language (of all students)	18%	26%	38%	8%	12%	20%
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.16	0.20	0.39	0.04	0.19	0.23
% of Basic F.Lang.Credits (of all F.Lang)	82%	85%	53%	3.00%	-32.00%	-29.00%
% of Basic F.Lang.Credits (of all depts.)	.79%	.86%	1.6%	0.07%	0.74%	0.81%
# of Students taking Basic F.Lang.	5	7	10	2	3	5
% of Students taking Basic F.Lang. (of all students)	18%	26%	38%	8%	12%	20%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.02	0.04	0.31	0.02	0.27	0.29
% of Middle F.Lang.Credits (of all F.Lang)	9.2%	15%	42%	5.80%	27.00%	32.80%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Middle F.Lang.Credits (of all depts)	.09%	.16%	1.3%	0.07%	1.14%	1.21%
# of Students taking Middle F.Lang.	1	1	8	0	7	7
% of Students taking Middle F.Lang. (of all students)	3.6%	3.7%	31%	0.10%	27.3%	27.4%
Advanced Level Foreign Language						
Average Adv. F.Lang.Credits Per Student	0.02	0.00	0.04	-0.02	0.04	0.02
% of Adv. F.Lang.Credits (of all F.Lang)	9.2%	0%	5.2%	-9.20%	5.20%	-4.00%
% of Adv. F.Lang.Credits (of all depts.)	.09%	0%	.16%	-0.09%	0.16%	0.07%
# of Students taking Adv. F.Lang.	1	0	1	-1	1	0
% of Students taking Adv. F.Lang. (of all students)	3.6%	0%	3.8%	-3.6%	3.8%	0.2%
Personal Skills						
Average Pers. Skills Credits Per Student	3.64	3.43	2.67	-0.21	-0.76	-0.97
Average Pers. Skills Credits (all depts.)	20.38	23.59	23.60	3.21	0.01	3.22
% of Pers. Skills Credits (of all depts.)	18%	15%	11%	-3.00%	-4.00%	-7.00%
# of Students taking Pers. Skills	28	27	26	-1	-1	-2
# of Students (total sample)	28	27	26	-1	-1	-2
% of Students taking Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	3.27	3.33	2.56	0.06	-0.77	-0.71
% of Basic Pers.S.Credits (of all P.S.)	90%	97%	96%	7.00%	-1.00%	6.00%
% of Basic Pers.S.Credits (of all depts.)	16%	14%	11%	-2.00%	-3.00%	-5.00%
# of Students taking Basic Pers. Skills	28	27	26	-1	-1	-2
% of Students taking Basic Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL **Art, English, Foreign Language, Personal Skills, and Social Studies**	**1982**	**1985**	**1988**	**1985-1982**	**1988-1985**	**1988-1982**
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Middle Pers.S.Credits (of all P.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Middle Pers.S.Credits (of all depts)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Middle Pers. Skills	0	0	0	0	0	0
% of Students taking Middle Pers. Skills (of all students)	0%	0%	0%	0%	0%	0%
Advanced Level Personal Skills						
Average Adv. Pers.S.Credits Per Student	0.00	0.00	0.10	0.00	0.10	0.10
% of Adv.Pers.S.Credits (of all P.S.)	0%	0%	3.6%	0.00%	3.60%	3.60%
% of Adv.Pers.S.Credits (of all depts.)	0%	0%	.41%	0.00%	0.41%	0.41%
# of Students taking Adv. Pers. Skills	0	0	3	0	3	3
% of Students taking Adv. Pers. Skills (of all students)	0%	0%	12%	0%	12%	12%
Social Studies						
Average S.S. Credits Per Student	2.57	2.43	3.10	-0.14	0.67	0.53
Average Credits (all departments)	20.38	23.59	23.60	3.21	0.01	3.22
% of S.S.Credits (of all depts.)	13%	10%	13%	-3.00%	3.00%	0.00%
# of Students taking S.S.	27	27	26	0	-1	-1
# of Students (total sample)	28	27	26	-1	-1	-2
% of Students taking S.S. (of all students)	96%	100%	100%	4%	0%	4%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	2.46	1.91	2.46	-0.55	0.55	0.00
% of Basic S.S.Credits (of all S.S.)	96%	79%	80%	-17.00%	1.00%	-16.00%
% of Basic S.S.Credits (of all depts.)	12%	8.1%	10%	-3.90%	1.90%	-2.00%
# of Students taking Basic S.S.	27	25	25	-2	0	-2

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Students taking Basic S.S. (of all students)	96%	93%	96%	-3%	3%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.11	0.04	0.12	-0.07	0.08	0.01
% of Middle S.S.Credits (of all S.S)	4.2%	1.5%	3.7%	-2.70%	2.20%	-0.50%
% of Middle S.S.Credits (of all depts.)	.53%	.16%	.49%	-0.37%	0.33%	-0.04%
# of Students taking Middle S.S.	5	2	6	-3	4	1
% of Students taking Middle S.S. (of all students)	18%	7.4%	23%	-10.6%	15.6%	5%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.48	0.52	0.48	0.04	0.52
% of Adv. S.S.Credits (of all S.S.)	0%	20%	17%	20.00%	-3.00%	17.00%
% of Adv. S.S. Credits (of all depts.)	0%	2.0%	2.2%	2.00%	0.20%	2.20%
# of Students taking Advanced S.S.	0	8	9	8	1	9
% of Students taking Advanced S.S. (of all students)	0%	30%	35%	30%	5%	35%
HIGH SCHOOL 7, DISTRICT 5, FLORIDA						
Art						
Average Art Credits Per Student	0.88	1.40	0.80	0.52	-0.60	-0.08
Average Credits (all departments)	21.77	24.84	25.17	3.07	0.33	3.40
% of Art Credits (of all depts.)	4.0%	5.6%	3.2%	1.60%	-2.40%	-0.80%
# of Students taking Art	8	11	25	3	14	17
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Art (of all students)	32%	44%	100%	12%	56%	68%
Basic Level Art						
Average Basic Art Credits Per Student	0.80	1.40	0.58	0.60	-0.82	-0.22

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Basic Art Credits (of all Art)	91%	100%	73%	9.00%	-27.00%	-18.00%
% of Basic Art Credits (of all depts.)	3.7%	5.6%	2.3%	1.90%	-3.30%	-1.40%
# of Students taking Basic Art	8	11	20	3	9	12
% of Students taking Basic Art (of all students)	32%	44%	80%	12%	36%	48%
Middle Level Art						
Average Middle Art Credits Per Student	0.08	0.00	0.14	-0.08	0.14	0.06
% of Middle Art Credits (of all Art)	9.1%	0%	18%	-9.10%	18.00%	8.90%
% of Middle Art Credits (of all depts.)	.37%	0%	.56%	-0.37%	0.56%	0.19%
# of Students taking Middle Art	1	0	6	-1	6	5
% of Students taking Middle Art (of all students	4.0%	0%	24%	-4%	24%	20%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.00	0.00	0.08	0.00	0.08	0.08
% of Advanced Art Credits (of all Art)	0%	0%	10%	0.00%	10.00%	10.00%
% of Advanced Art Credits (of all depts.)	0%	0%	.32%	0.00%	0.32%	0.32%
# of Students taking Advanced Art	0	0	2	0	2	2
% of Students taking Advanced Art (of all students)	0%	0%	8%	0%	8%	8%
English						
Average English Credits Per Student	4.08	4.52	3.96	0.44	-0.56	-0.12
Average Credits (all departments)	21.77	24.84	25.17	3.07	0.33	3.40
% of English Credits (of all depts.)	19%	18%	16%	-1.00%	-2.00%	-3.00%
# of Students taking English	25	25	25	0	0	0
# of Students (total sample)	25	25	25	0	0	0
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	2.46	2.20	1.40	-0.26	-0.80	-1.06

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Basic English Credits (of all Eng.)	60%	49%	35%	-11.00%	-14.00%	-25.00%
% of Basic English Credits (of all depts)	11%	8.9%	5.6%	-2.10%	-3.30%	-5.40%
# of Students taking Basic English	25	25	24	0	-1	-1
% of Students taking Basic English (of all students)	100%	100%	96%	0%	-4%	-4%
Middle Level English						
Average Middle English Credits Per Student	0.88	0.88	0.68	0.00	-0.20	-0.20
% of Middle English Credits (of all Eng.)	22%	22%	17%	0.00%	-5.00%	-5.00%
% of Middle English Credits (of all depts)	4.0%	3.5%	2.7%	-0.50%	-0.80%	-1.30%
# of Students taking Middle English	25	23	16	-2	-7	-9
% of Students taking Middle English (of all students)	100%	92%	64%	-8%	-28%	-36%
Advanced Level English						
Average Adv. English Credits Per Student	1.20	1.68	1.84	0.48	0.16	0.64
% of Adv. English Credits (of all Eng.)	29%	37%	46%	8.00%	9.00%	17.00%
% of Adv. English Credits (of all depts.)	5.5%	6.8%	7.3%	1.30%	0.50%	1.80%
# of Students taking Advanced English	23	24	25	1	1	2
% of Students taking Advanced English (of all students)	92%	96%	100%	4%	4%	8%
Foreign Language						
Average F. Lang. Credits Per Student	0.00	0.32	1.10	0.32	0.78	1.10
Average F. Lang. Credits (all depts.)	21.77	24.84	25.17	3.07	0.33	3.40
% of F. Lang. Credits (of all depts.)	0%	1.3%	4.4%	1.30%	3.10%	4.40%
# of Students taking F. Language	0	8	19	8	11	19
# of Students (total sample)	25	25	25	0	0	0
% of Students taking F. Language (of all students)	0%	32%	76%	32%	44%	76%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.00	0.32	0.66	0.32	0.34	0.66
% of Basic F.Lang.Credits (of all F.Lang)	0%	100%	60%	100.00%	-40.00%	60.00%
% of Basic F.Lang.Credits (of all depts.)	0%	.13%	2.6%	0.13%	2.47%	2.60%
# of Students taking Basic F.Lang.	0	8	17	8	9	17
% of Students taking Basic F.Lang. (of all students)	0%	32%	68%	32%	36%	68%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.00	0.00	0.44	0.00	0.44	0.44
% of Middle F.Lang.Credits (of all F.Lang)	0%	0%	40%	0.00%	40.00%	40.00%
% of Middle F.Lang.Credits (of all depts)	0%	0%	1.7%	0.00%	1.70%	1.70%
# of Students taking Middle F.Lang.	0	0	11	0	11	11
% of Students taking Middle F.Lang. (of all students)	0%	0%	44%	0%	44%	44%
Advanced Level Foreign Language						
Average Adv. F.Lang.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Adv. F.Lang.Credits (of all F.Lang)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv. F.Lang.Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Adv. F.Lang.	0	0	0	0	0	0
% of Students taking Adv. F.Lang. (of all students)	0%	0%	0%	0%	0%	0%
Personal Skills						
Average Pers. Skills Credits Per Student	4.14	3.32	5.60	-0.82	2.28	1.46
Average Pers. Skills Credits (all depts.)	21.77	24.84	25.17	3.07	0.33	3.40
% of Pers. Skills Credits (of all depts.)	19%	13%	22%	-6.00%	9.00%	3.00%
# of Students taking Pers. Skills	25	25	25	0	0	0

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	3.08	2.76	4.28	-0.32	1.52	1.20
% of Basic Pers.S.Credits (of all P.S.)	74%	83%	76%	9.00%	-7.00%	2.00%
% of Basic Pers.S.Credits (of all depts.)	14%	11%	17%	-3.00%	6.00%	3.00%
# of Students taking Basic Pers. Skills	25	25	25	0	0	0
% of Students taking Basic Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.00	0.24	1.06	0.24	0.82	1.06
% of Middle Pers.S.Credits (of all P.S.)	0%	7.2%	19%	7.20%	11.80%	19.00%
% of Middle Pers.S.Credits (of all depts)	0%	.97%	4.2%	0.97%	3.23%	4.20%
# of Students taking Middle Pers. Skills	0	6	25	6	19	25
% of Students taking Middle Pers. Skills (of all students)	0%	24%	100%	24%	76%	100%
Advanced Level Personal Skills						
Average Adv. Pers.S.Credits Per Student	0.36	0.08	0.16	-0.28	0.08	-0.20
% of Adv.Pers.S.Credits (of all P.S.)	8.7%	2.4%	2.9%	-6.30%	0.50%	-5.80%
% of Adv.Pers.S.Credits (of all depts.)	1.7%	.32%	.64%	-1.38%	0.32%	-1.06%
# of Students taking Adv. Pers. Skills	6	2	3	-4	1	-3
% of Students taking Adv. Pers. Skills (of all students)	24%	8.0%	12%	-16%	4%	-12%
Social Studies						
Average S.S. Credits Per Student	3.10	3.76	3.78	0.66	0.02	0.68
Average Credits (all departments)	21.77	24.84	25.17	3.07	0.33	3.40

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of S.S.Credits (of all depts.)	14%	15%	15%	1.00%	0.00%	1.00%
# of Students taking S.S.	25	25	25	0	0	0
# of Students (total sample)	25	25	25	0	0	0
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	3.08	3.76	3.40	0.68	-0.36	0.32
% of Basic S.S.Credits (of all S.S.)	99%	100%	90%	1.00%	-10.00%	-9.00%
% of Basic S.S.Credits (of all depts.)	14%	15%	14%	1.00%	-1.00%	0.00%
# of Students taking Basic S.S.	25	25	25	0	0	0
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.02	0.00	0.42	-0.02	0.42	0.40
% of Middle S.S.Credits (of all S.S)	.65%	0%	11%	-0.65%	11.00%	10.35%
% of Middle S.S.Credits (of all depts.)	.09%	0%	1.7%	-0.09%	1.70%	1.61%
# of Students taking Middle S.S.	1	0	21	-1	21	20
% of Students taking Middle S.S. (of all students)	4.0%	0%	84%	-4%	84%	80%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Adv. S.S.Credits (of all S.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv. S.S. Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Advanced S.S.	0	0	0	0	0	0
% of Students taking Advanced S.S. (of all students)	0%	0%	0%	0%	0%	0%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL **Art, English, Foreign Language, Personal Skills, and Social Studies**	1982	1985	1988	1985-1982	1988-1985	1988-1982
HIGH SCHOOL 8, DISTRICT 5, FLORIDA						
Art						
Average Art Credits Per Student	0.80	1.00	0.96	0.20	-0.04	0.16
Average Credits (all departments)	22.04	24.11	26.08	2.07	1.97	4.04
% of Art Credits (of all depts.)	3.6%	4.1%	3.7%	0.50%	-0.40%	0.10%
# of Students taking Art	12	12	24	0	12	12
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Art (of all students)	48%	48%	96%	0%	48%	48%
Basic Level Art						
Average Basic Art Credits Per Student	0.60	0.80	0.88	0.20	0.08	0.28
% of Basic Art Credits (of all Art)	75%	80%	92%	5.00%	12.00%	17.00%
% of Basic Art Credits (of all depts.)	2.7%	3.3%	3.4%	0.60%	0.10%	0.70%
# of Students taking Basic Art	12	12	24	0	12	12
% of Students taking Basic Art (of all students)	48%	48%	96%	0%	48%	48%
Middle Level Art						
Average Middle Art Credits Per Student	0.16	0.12	0.00	-0.04	-0.12	-0.16
% of Middle Art Credits (of all Art)	20%	12%	0%	-8.00%	-12.00%	-20.00%
% of Middle Art Credits (of all depts.)	.73%	.50%	0%	-0.23%	-0.50%	-0.73%
# of Students taking Middle Art	2	3	0	1	-3	-2
% of Students taking Middle Art (of all students)	8.0%	12%	0%	4%	-12%	-8%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.04	0.08	0.08	0.04	0.00	0.04
% of Advanced Art Credits (of all Art)	5.0%	8.0%	8.3%	3.00%	0.30%	3.30%
% of Advanced Art Credits (of all depts.)	.18%	.33%	.31%	0.15%	-0.02%	0.13%
# of Students taking Advanced Art	1	2	2	1	0	1

Table E1.8 (cont.)

BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	Average Credits 1982	1985	1988	Change in Average Credits 1985-1982	1988-1985	1988-1982
% of Students taking Advanced Art (of all students)	4.0%	8.0%	8.0%	4%	0%	4%
English						
Average English Credits Per Student	4.72	4.52	4.26	-0.20	-0.26	-0.46
Average Credits (all departments)	22.04	24.11	26.08	2.07	1.97	4.04
% of English Credits (of all depts.)	21%	19%	16%	-2.00%	-3.00%	-5.00%
# of Students taking English	25	25	25	0	0	0
# of Students (total sample)	25	25	25	0	0	0
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	1.96	3.32	1.46	1.36	-1.86	-0.50
% of Basic English Credits (of all Eng.)	41%	73%	34%	32.00%	-39.00%	-7.00%
% of Basic English Credits (of all depts)	8.9%	14%	5.6%	5.10%	-8.40%	-3.30%
# of Students taking Basic English	25	25	25	0	0	0
% of Students taking Basic English (of all students)	100%	100%	100%	0%	0%	0%
Middle Level English						
Average Middle English Credits Per Student	1.24	0.64	0.80	-0.60	0.16	-0.44
% of Middle English Credits (of all Eng.)	26%	14%	19%	-12.00%	5.00%	-7.00%
% of Middle English Credits (of all depts)	5.6%	2.7%	3.1%	-2.90%	0.40%	-2.50%
# of Students taking Middle English	22	14	20	-8	6	-2
% of Students taking Middle English (of all students)	88%	56%	80%	-32%	24%	-8%
Advanced Level English						
Average Adv. English Credits Per Student	1.52	0.56	2.00	-0.96	1.44	0.48
% of Adv. English Credits (of all Eng.)	32%	12%	47%	-20.00%	35.00%	15.00%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Adv. English Credits (of all depts.)	6.9%	2.3%	7.7%	-4.60%	5.40%	0.80%
# of Students taking Advanced English	21	14	25	-7	11	4
% of Students taking Advanced English (of all students)	84%	56%	100%	-28%	44%	16%
Foreign Language						
Average F. Lang. Credits Per Student	0.12	0.16	0.96	0.04	0.80	0.84
Average F. Lang. Credits (all depts.)	22.04	24.11	26.08	2.07	1.97	4.04
% of F. Lang. Credits (of all depts.)	.54%	.66%	3.7%	0.12%	3.04%	3.16%
# of Students taking F. Language	3	4	16	1	12	13
# of Students (total sample)	25	25	25	0	0	0
% of Students taking F. Language (of all students)	12%	16%	64%	4%	48%	52%
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.12	0.12	0.60	0.00	0.48	0.48
% of Basic F.Lang.Credits (of all F.Lang)	100%	75%	63%	-25.00%	-12.00%	-37.00%
% of Basic F.Lang.Credits (of all depts.)	.54%	.50%	2.3%	-0.04%	1.80%	1.76%
# of Students taking Basic F.Lang.	3	3	16	0	13	13
% of Students taking Basic F.Lang. (of all students)	12%	12%	64%	0%	52%	52%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.00	0.00	0.36	0.00	0.36	0.36
% of Middle F.Lang.Credits (of all F.Lang)	0%	0%	38%	0.00%	38.00%	38.00%
% of Middle F.Lang.Credits (of all depts)	0%	0%	1.4%	0.00%	1.40%	1.40%
# of Students taking Middle F.Lang.	0	0	9	0	9	9
% of Students taking Middle F.Lang. (of all students)	0%	0%	36%	0%	36%	36%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Advanced Level Foreign Language						
Average Adv. F.Lang.Credits Per Student	0.00	0.04	0.00	0.04	-0.04	0.00
% of Adv. F.Lang.Credits (of all F.Lang)	0%	25%	0%	25.00%	-25.00%	0.00%
% of Adv. F.Lang.Credits (of all depts.)	0%	.17%	0%	0.17%	-0.17%	0.00%
# of Students taking Adv. F.Lang.	0	1	0	1	-1	0
% of Students taking Adv. F.Lang. (of all students)	0%	4.0%	0%	4%	-4%	0%
Personal Skills						
Average Pers. Skills Credits Per Student	4.08	3.48	4.04	-0.60	0.56	-0.04
Average Pers. Skills Credits (all depts.)	22.04	24.11	26.08	2.07	1.97	4.04
% of Pers. Skills Credits (of all depts.)	19%	14%	15%	-5.00%	1.00%	-4.00%
# of Students taking Pers. Skills	25	25	25	0	0	0
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	3.36	2.56	2.50	-0.80	-0.06	-0.86
% of Basic Pers.S.Credits (of all P.S.)	82%	74%	62%	-8.00%	-12.00%	-20.00%
% of Basic Pers.S.Credits (of all depts.)	15%	11%	9.6%	-4.00%	-1.40%	-5.40%
# of Students taking Basic Pers. Skills	25	25	25	0	0	0
% of Students taking Basic Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.40	0.42	1.14	0.02	0.72	0.74
% of Middle Pers.S.Credits (of all P.S.)	10%	12%	28%	2.00%	16.00%	18.00%
% of Middle Pers.S.Credits (of all depts)	1.8%	1.7%	4.4%	-0.10%	2.70%	2.60%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
# of Students taking Middle Pers. Skills	9	7	25	-2	18	16
% of Students taking Middle Pers. Skills (of all students)	36%	28%	100%	-8%	72%	64%
Advanced Level Personal Skills						
Average Adv. Pers.S.Credits Per Student	0.80	0.50	0.30	-0.30	-0.20	-0.50
% of Adv.Pers.S.Credits (of all P.S.)	20%	14%	7.4%	-6.00%	-6.60%	-12.60%
% of Adv.Pers.S.Credits (of all depts.)	3.6%	2.1%	1.2%	-1.50%	-0.90%	-2.40%
# of Students taking Adv. Pers. Skills	16	11	7	-5	-4	-9
% of Students taking Adv. Pers. Skills (of all students)	64%	44%	28%	-20%	-16%	-36%
Social Studies						
Average S.S. Credits Per Student	4.02	3.94	4.10	-0.08	0.16	0.08
Average Credits (all departments)	22.04	24.11	26.08	2.07	1.97	4.04
% of S.S.Credits (of all depts.)	18%	16%	16%	-2.00%	0.00%	-2.00%
# of Students taking S.S.	25	25	25	0	0	0
# of Students (total sample)	25	25	25	0	0	0
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	3.34	3.90	3.54	0.56	-0.36	0.20
% of Basic S.S.Credits (of all S.S.)	83%	99%	86%	16.00%	-13.00%	3.00%
% of Basic S.S.Credits (of all depts.)	15%	16%	14%	1.00%	-2.00%	-1.00%
# of Students taking Basic S.S.	25	25	25	0	0	0
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.12	0.00	0.56	-0.12	0.56	0.44
% of Middle S.S.Credits (of all S.S)	3.0%	0%	14%	-3.00%	14.00%	11.00%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Middle S.S.Credits (of all depts.)	.54%	0%	2.1%	-0.54%	2.10%	1.56%
# of Students taking Middle S.S.	3	0	25	-3	25	22
% of Students taking Middle S.S. (of all students)	12%	0%	100%	-12%	100%	88%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Adv. S.S.Credits (of all S.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv. S.S. Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Advanced S.S.	0	0	0	0	0	0
% of Students taking Advanced S.S. (of all students)	0%	0%	0%	0%	0%	0%
HIGH SCHOOL 9, DISTRICT 6, MISSOURI						
Art						
Average Art Credits Per Student	2.46	1.88	1.92	-0.58	0.04	-0.54
Average Credits (all departments)	22.29	21.57	22.90	-0.72	1.33	0.61
% of Art Credits (of all depts.)	11%	8.7%	8.4%	-2.30%	-0.30%	-2.60%
# of Students taking Art	21	22	23	1	1	2
# of Students (total sample)	23	25	25	2	0	2
% of Students taking Art (of all students)	91%	88%	92%	-3%	4%	1%
Basic Level Art						
Average Basic Art Credits Per Student	2.37	1.36	1.36	-1.01	0.00	-1.01
% of Basic Art Credits (of all Art)	96%	72%	71%	-24.00%	-1.00%	-25.00%
% of Basic Art Credits (of all depts.)	11%	6.3%	5.9%	-4.70%	-0.40%	-5.10%
# of Students taking Basic Art	21	21	21	0	0	0
% of Students taking Basic Art (of all students)	91%	84%	84%	-7%	0%	-7%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL **Art, English, Foreign Language, Personal Skills, and Social Studies**	1982	1985	1988	1985-1982	1988-1985	1988-1982
Middle Level Art						
Average Middle Art Credits Per Student	0.09	0.34	0.48	0.25	0.14	0.39
% of Middle Art Credits (of all Art)	3.5%	18%	25%	14.50%	7.00%	21.50%
% of Middle Art Credits (of all depts.)	.39%	1.6%	2.1%	1.21%	0.50%	1.71%
# of Students taking Middle Art	3	8	7	5	-1	4
% of Students taking Middle Art (of all students)	13%	32%	28%	19%	-4%	15%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.00	0.18	0.08	0.18	-0.10	0.08
% of Advanced Art Credits (of all Art)	0%	10%	4.2%	10.00%	-5.80%	4.20%
% of Advanced Art Credits (of all depts.)	0%	.83%	.35%	0.83%	-0.48%	0.35%
# of Students taking Advanced Art	0	2	1	2	-1	1
% of Students taking Advanced Art (of all students)	0%	8.0%	4.0%	8%	-4%	4%
English						
Average English Credits Per Student	4.46	3.61	3.96	-0.85	0.35	-0.50
Average Credits (all departments)	22.29	21.57	22.90	-0.72	1.33	-0.61
% of English Credits (of all depts.)	20%	17%	17%	-3.00%	0.00%	-3.00%
# of Students taking English	23	25	25	2	0	2
# of Students (total sample)	23	25	25	2	0	2
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	2.83	2.41	2.36	-0.42	-0.05	-0.47
% of Basic English Credits (of all Eng.)	63%	67%	60%	4.00%	-7.00%	-3.00%
% of Basic English Credits (of all depts)	13%	11%	10%	-2.00%	-1.00%	-3.00%
# of Students taking Basic English	23	25	25	2	0	2

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL **Art, English, Foreign Language, Personal Skills, and Social Studies**	**1982**	**1985**	**1988**	**1985-1982**	**1988-1985**	**1988-1982**
% of Students taking Basic English (of all students)	100%	100%	100%	0%	0%	0%
Middle Level English						
Average Middle English Credits Per Student	1.48	0.94	1.20	-0.54	0.26	-0.28
% of Middle English Credits (of all Eng.)	33%	26%	30%	-7.00%	4.00%	-3.00%
% of Middle English Credits (of all depts)	6.6%	4.4%	5.2%	-2.20%	0.80%	-1.40%
# of Students taking Middle English	22	23	24	1	1	2
% of Students taking Middle English (of all students)	96%	92%	96%	-4%	4%	0%
Advanced Level English						
Average Adv. English Credits Per Student	0.15	0.12	0.02	-0.03	-0.10	-0.13
% of Adv. English Credits (of all Eng.)	3.4%	3.3%	.51%	-0.10%	-2.79%	-2.89%
% of Adv. English Credits (of all depts.)	.68%	.56%	.09%	-0.12%	-0.47%	-0.59%
# of Students taking Advanced English	4	3	1	-1	-2	-3
% of Students taking Advanced English (of all students)	17%	12%	4.0%	-5%	-8%	-13%
Foreign Language						
Average F. Lang. Credits Per Student	0.65	0.66	0.74	0.01	0.08	0.09
Average F. Lang. Credits (all depts.)	22.29	21.57	22.90	-0.72	1.33	0.61
% of F. Lang. Credits (of all depts.)	2.9%	3.1%	3.2%	0.20%	0.10%	0.30%
# of Students taking F. Language	7	9	13	2	4	6
# of Students (total sample)	23	25	25	2	0	2
% of Students taking F. Language (of all students)	30%	36%	52%	6%	16%	22%
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.33	0.46	0.52	0.13	0.06	0.19
% of Basic F.Lang.Credits (of all F.Lang)	50%	70%	70%	20.00%	0.00%	20.00%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Basic F.Lang.Credits (of all depts.)	1.5%	2.1%	2.3%	0.60%	0.20%	0.80%
# of Students taking Basic F.Lang.	7	9	13	2	4	6
% of Students taking Basic F.Lang. (of all students)	30%	36%	52%	6%	16%	22%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.15	0.10	0.18	-0.05	0.08	0.03
% of Middle F.Lang.Credits (of all F.Lang)	23%	15%	24%	-8.00%	9.00%	1.00%
% of Middle F.Lang.Credits (of all depts)	.68%	.46%	.79%	-0.22%	0.33%	0.11%
# of Students taking Middle F.Lang.	4	2	6	-2	4	2
% of Students taking Middle F.Lang. (of all students)	17%	8.0%	24%	-9%	16%	7%
Advanced Level Foreign Language						
Average Adv. F.Lang.Credits Per Student	0.17	0.10	0.04	-0.07	-0.06	-0.13
% of Adv. F.Lang.Credits (of all F.Lang)	27%	15%	5.4%	-12.00%	-9.60%	-21.60%
% of Adv. F.Lang.Credits (of all depts.)	.78%	.46%	.17%	-0.32%	-0.29%	-0.61%
# of Students taking Adv. F.Lang.	3	2	1	-1	-1	-2
% of Students taking Adv. F.Lang. (of all students)	13%	8.0%	4.0%	-5%	-4%	-9%
Personal Skills						
Average Pers. Skills Credits Per Student	2.66	2.86	2.34	0.20	-0.52	-0.32
Average Pers. Skills Credits (all depts.)	22.29	21.57	22.90	-0.72	1.33	0.61
% of Pers. Skills Credits (of all depts.)	12%	13%	10%	1.00%	-3.00%	-2.00%
# of Students taking Pers. Skills	23	25	25	2	0	2
# of Students (total sample)	23	25	25	2	0	2
% of Students taking Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	2.34	2.52	2.12	0.18	-0.40	-0.22
% of Basic Pers.S.Credits (of all P.S.)	88%	88%	91%	0.00%	3.00%	3.00%
% of Basic Pers.S.Credits (of all depts.)	10%	12%	9.3%	2.00%	-2.70%	-0.70%
# of Students taking Basic Pers. Skills	23	25	25	2	0	2
% of Students taking Basic Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.00	0.00	0.06	0.00	0.06	0.06
% of Middle Pers.S.Credits (of all P.S.)	0%	0%	2.6%	0.00%	2.60%	2.60%
% of Middle Pers.S.Credits (of all depts)	0%	0%	.26%	0.00%	0.26%	0.26%
# of Students taking Middle Pers. Skills	0	0	3	0	3	3
% of Students taking Middle Pers. Skills (of all students)	0%	0%	12%	0%	12%	12%
Advanced Level Personal Skills						
Average Adv. Pers.S.Credits Per Student	0.28	0.12	0.04	-0.16	-0.08	-0.24
% of Adv.Pers.S.Credits (of all P.S.)	11%	4.2%	1.7%	-6.80%	-2.50%	-9.30%
% of Adv.Pers.S.Credits (of all depts.)	1.3%	.56%	.17%	-0.74%	-0.39%	-1.13%
# of Students taking Adv. Pers. Skills	6	3	1	-3	-2	-5
% of Students taking Adv. Pers. Skills (of all students)	26%	12%	4.0%	-14%	-8%	-22%
Social Studies						
Average S.S. Credits Per Student	3.98	3.24	3.30	-0.74	0.06	-0.68
Average Credits (all departments)	22.29	21.57	22.90	-0.72	1.33	0.61
% of S.S.Credits (of all depts.)	18%	15%	14%	-3.00%	-1.00%	-4.00%
# of Students taking S.S.	23	25	25	2	0	2

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
# of Students (total sample)	23	25	25	2	0	2
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	3.67	3.08	2.38	-0.59	-0.70	-1.29
% of Basic S.S.Credits (of all S.S.)	92%	95%	72%	3.00%	-23.00%	-20.00%
% of Basic S.S.Credits (of all depts.)	16%	14%	10%	-2.00%	-4.00%	-6.00%
# of Students taking Basic S.S.	23	25	25	2	0	2
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.30	0.14	0.42	-0.16	0.28	0.12
% of Middle S.S.Credits (of all S.S)	7.6%	4.3%	13%	-3.30%	8.70%	5.40%
% of Middle S.S.Credits (of all depts.)	1.4%	.65%	1.8%	-0.75%	1.15%	0.40%
# of Students taking Middle S.S.	11	6	20	-5	14	9
% of Students taking Middle S.S. (of all students)	48%	24%	80%	-24%	56%	32%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Adv. S.S.Credits (of all S.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv. S.S. Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Advanced S.S.	0	0	0	0	0	0
% of Students taking Advanced S.S. (of all students)	0%	0%	0%	0%	0%	0%
HIGH SCHOOL 10, DISTRICT 6, MISSOURI						
Art						
Average Art Credits Per Student	2.34	1.83	2.04	-0.51	0.21	-0.30

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Average Credits (all departments)	22.04	22.26	23.63	0.22	1.37	1.59
% of Art Credits (of all depts.)	11%	8.2%	8.6%	-2.80%	0.40%	-2.40%
# of Students taking Art	25	21	27	-4	6	2
# of Students (total sample)	25	26	27	1	1	2
% of Students taking Art (of all students)	100%	81%	100%	-19%	19%	0%
Basic Level Art						
Average Basic Art Credits Per Student	2.040	1.596	1.30	-0.44	-0.30	-0.74
% of Basic Art Credits (of all Art)	87%	87%	64%	0.00%	-23.00%	-23.00%
% of Basic Art Credits (of all depts.)	9.3%	7.2%	5.5%	-2.10%	-1.70%	-3.80%
# of Students taking Basic Art	25	21	26	-4	5	1
% of Students taking Basic Art (of all students)	100%	81%	96%	-19%	15%	-4%
Middle Level Art						
Average Middle Art Credits Per Student	0.22	0.15	0.37	-0.07	0.22	0.15
% of Middle Art Credits (of all Art)	9.4%	8.4%	18%	-1.00%	9.60%	8.60%
% of Middle Art Credits (of all depts.)	1.0%	.69%	1.6%	-0.31%	0.91%	0.60%
# of Students taking Middle Art	6	5	9	-1	4	3
% of Students taking Middle Art (of all students)	24%	19%	33%	-5%	14%	9%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.08	0.08	0.37	0.00	0.29	0.29
% of Advanced Art Credits (of all Art)	3.4%	4.2%	18%	0.80%	13.80%	14.60%
% of Advanced Art Credits (of all depts.)	.36%	.35%	1.6%	-0.01%	1.25%	1.24%
# of Students taking Advanced Art	2	1	5	-1	4	3
% of Students taking Advanced Art (of all students)	8.0%	3.8%	19%	-4.2%	15.2%	11%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
English						
Average English Credits Per Student	3.30	4.44	3.69	1.14	-0.75	0.39
Average Credits (all departments)	22.04	22.26	23.63	0.22	1.37	1.59
% of English Credits (of all depts.)	15%	20%	16%	5.00%	-4.00%	1.00%
# of Students taking English	25	26	27	1	1	2
# of Students (total sample)	25	26	27	1	1	2
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	2.10	3.06	2.41	0.96	-0.65	0.31
% of Basic English Credits (of all Eng.)	64%	69%	65%	5.00%	-4.00%	1.00%
% of Basic English Credits (of all depts)	9.5%	14%	10%	4.50%	-4.00%	0.50%
# of Students taking Basic English	25	26	27	1	1	2
% of Students taking Basic English (of all students)	100%	100%	100%	0%	0%	0%
Middle Level English						
Average Middle English Credits Per Student	1.14	1.14	1.17	0.00	0.03	0.03
% of Middle English Credits (of all Eng.)	35%	26%	32%	-9.00%	6.00%	-3.00%
% of Middle English Credits (of all depts)	5.2%	5.1%	4.9%	-0.10%	-0.20%	-0.30%
# of Students taking Middle English	25	24	26	-1	2	1
% of Students taking Middle English (of all students)	100%	92%	96%	-8%	4%	-4%
Advanced Level English						
Average Adv. English Credits Per Student	0.06	0.17	0.11	0.11	-0.06	0.05
% of Adv. English Credits (of all Eng.)	1.8%	3.9%	3.0%	2.1%	-0.9%	1.2%
% of Adv. English Credits (of all depts.)	.27%	.78%	.47%	0.51%	-0.31%	0.2%
# of Students taking Advanced English	2	5	6	3	1	4

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Students taking Advanced English (of all students)	8.0%	19%	22%	11%	3%	14%
Foreign Language						
Average F. Lang. Credits Per Student	0.76	0.46	1.46	-0.30	1.00	0.70
Average F. Lang. Credits (all depts.)	22.04	22.26	23.63	0.22	1.37	1.59
% of F. Lang. Credits (of all depts.)	3.4%	2.1%	6.2%	-1.30%	4.10%	2.80%
# of Students taking F. Language	9	9	20	0	11	11
# of Students (total sample)	25	26	27	1	1	2
% of Students taking F. Language (of all students)	36%	35%	74%	-1%	39%	38%
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.36	0.25	0.82	-0.11	0.57	0.46
% of Basic F.Lang.Credits (of all F.Lang)	47%	54%	56%	7.00%	2.00%	9.00%
% of Basic F.Lang.Credits (of all depts.)	1.6%	1.1%	3.4%	-0.5%	2.3%	1.8%
# of Students taking Basic F.Lang.	9	7	20	-2	13	11
% of Students taking Basic F.Lang. (of all students)	36%	27%	74%	-9%	47%	38%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.36	0.14	0.41	-0.22	0.27	0.05
% of Middle F.Lang.Credits (of all F.Lang)	47%	29%	28%	-18.00%	-1.00%	-19.00%
% of Middle F.Lang.Credits (of all depts)	1.6%	.61%	1.7%	-0.99%	1.09%	0.10%
# of Students taking Middle F.Lang.	7	4	11	-3	7	4
% of Students taking Middle F.Lang. (of all students)	28%	15%	41%	-13%	26%	13%
Advanced Level Foreign Language						
Average Adv. F.Lang.Credits Per Student	0.04	0.08	0.24	0.04	0.16	0.20
% of Adv. F.Lang.Credits (of all F.Lang)	5.3%	17%	16%	11.70%	-1.00%	10.70%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Adv. F.Lang.Credits (of all depts.)	.18%	.35%	1.0%	0.17%	0.65%	0.82%
# of Students taking Adv. F.Lang.	2	3	7	1	4	5
% of Students taking Adv. F.Lang. (of all students)	8.0%	12%	26%	4%	14%	18%
Personal Skills						
Average Pers. Skills Credits Per Student	3.04	2.79	2.52	-0.25	-0.27	-0.52
Average Pers. Skills Credits (all depts.)	22.04	22.26	23.63	0.22	1.37	1.59
% of Pers. Skills Credits (of all depts.)	14%	13%	11%	-1.00%	-2.00%	-3.00%
# of Students taking Pers. Skills	25	26	27	1	1	2
# of Students (total sample)	25	26	27	1	1	2
% of Students taking Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	2.88	2.73	2.11	-0.15	-0.62	-0.77
% of Basic Pers.S.Credits (of all P.S.)	95%	98%	84%	3.00%	-14.00%	-11.00%
% of Basic Pers.S.Credits (of all depts.)	13%	12%	8.9%	-1.00%	-3.10%	-4.10%
# of Students taking Basic Pers. Skills	25	26	27	1	1	2
% of Students taking Basic Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.10	0.04	0.00	-0.06	-0.04	-0.10
% of Middle Pers.S.Credits (of all P.S.)	3.3%	1.4%	0%	-1.90%	-1.40%	-3.30%
% of Middle Pers.S.Credits (of all depts)	.45%	.17%	0%	-0.28%	-0.17%	-0.45%
# of Students taking Middle Pers. Skills	5	2	0	-3	-2	-5
% of Students taking Middle Pers. Skills (of all students)	20%	7.7%	0%	-12.3%	-7.7%	-20%

Table E1.8 (cont.)

BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	Average Credits 1982	1985	1988	Change in Average Credits 1985-1982	1988-1985	1988-1982
Advanced Level Personal Skills						
Average Adv. Pers.S.Credits Per Student	0.00	0.00	0.37	0.00	0.37	0.37
% of Adv.Pers.S.Credits (of all P.S.)	0%	0%	15%	0.00%	15.00%	15.00%
% of Adv.Pers.S.Credits (of all depts.)	0%	0%	1.6%	0.00%	1.60%	1.60%
# of Students taking Adv. Pers. Skills	0	0	6	0	6	6
% of Students taking Adv. Pers. Skills (of all students)	0%	0%	22%	0%	22%	22%
Social Studies						
Average S.S. Credits Per Student	3.42	3.56	3.32	0.14	-0.24	-0.10
Average Credits (all departments)	22.04	22.26	23.63	0.22	1.37	1.59
% of S.S.Credits (of all depts.)	16%	16%	14%	0.00%	-2.00%	-2.00%
# of Students taking S.S.	25	26	27	1	1	2
# of Students (total sample)	25	26	27	1	1	2
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	2.90	3.06	2.35	0.16	-0.71	-0.55
% of Basic S.S.Credits (of all S.S.)	85%	86%	71%	1.00%	-15.00%	-14.00%
% of Basic S.S.Credits (of all depts.)	13%	14%	10%	1.00%	-4.00%	-3.00%
# of Students taking Basic S.S.	25	26	27	1	1	2
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.52	0.40	0.50	-0.12	0.10	-0.02
% of Middle S.S.Credits (of all S.S)	15%	11%	15%	-4.00%	4.00%	0.00%
% of Middle S.S.Credits (of all depts.)	2.4%	1.8%	2.1%	-0.60%	0.30%	-0.30%
# of Students taking Middle S.S.	23	20	25	-3	5	2

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL **Art, English, Foreign Language, Personal Skills, and Social Studies**	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Students taking Middle S.S. (of all students)	92%	77%	93%	-15%	16%	1%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.02	0.02	0.02	0.00	0.02
% of Adv. S.S.Credits (of all S.S.)	0%	.53%	.57%	0.53%	0.04%	0.57%
% of Adv. S.S. Credits (of all depts.)	0%	.09%	.08%	0.09%	-0.01%	0.08%
# of Students taking Advanced S.S.	0	1	1	1	0	1
% of Students taking Advanced S.S. (of all students)	0%	3.8%	3.7%	3.8%	-0.1%	3.7%
HIGH SCHOOL 11, DISTRICT 7, MISSOURI						
Art						
Average Art Credits Per Student	2.15	2.18	2.52	0.03	0.34	0.37
Average Credits (all departments)	20.96	19.76	21.94	-1.20	2.18	0.98
% of Art Credits (of all depts.)	10%	11%	11%	1.00%	0.00%	1.00%
# of Students taking Art	28	24	25	-4	1	-3
# of Students (total sample)	28	25	25	-3	0	-3
% of Students taking Art (of all students)	100%	96%	100%	-4%	4%	0%
Basic Level Art						
Average Basic Art Credits Per Student	1.94	1.86	2.16	-0.08	0.30	0.22
% of Basic Art Credits (of all Art)	90%	85%	86%	-5.00%	1.00%	-4.00%
% of Basic Art Credits (of all depts.)	9.2%	9.4%	9.8%	0.20%	0.40%	0.60%
# of Students taking Basic Art	28	24	25	-4	1	-3
% of Students taking Basic Art (of all students)	100%	96%	100%	-4%	4%	0%
Middle Level Art						
Average Middle Art Credits Per Student	0.21	0.24	0.26	0.03	0.02	0.05

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Middle Art Credits (of all Art)	10%	11%	10%	1.00%	-1.00%	0.00%
% of Middle Art Credits (of all depts.)	1.0%	1.2%	1.2%	0.20%	0.00%	0.20%
# of Students taking Middle Art	7	6	6	-1	0	-1
% of Students taking Middle Art (of all students)	25%	24%	24%	-1%	0%	-1%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.00	0.08	0.10	0.08	0.02	0.10
% of Advanced Art Credits (of all Art)	0%	3.7%	4.0%	3.70%	0.30%	4.00%
% of Advanced Art Credits (of all depts.)	0%	.40%	.46%	0.40%	0.06%	0.46%
# of Students taking Advanced Art	0	3	3	3	0	3
% of Students taking Advanced Art (of all students)	0%	12%	12%	12%	0%	12%
English						
Average English Credits Per Student	3.18	3.40	4.06	0.22	0.66	0.88
Average Credits (all departments)	20.96	19.76	21.94	-1.20	2.18	0.98
% of English Credits (of all depts.)	15%	17%	19%	2.00%	2.00%	4.00%
# of Students taking English	28	25	25	-3	0	-3
# of Students (total sample)	28	25	25	-3	0	-3
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	1.70	1.00	1.26	-0.70	0.26	-0.44
% of Basic English Credits (of all Eng.)	53%	29%	31%	-24.00%	2.00%	-22.00%
% of Basic English Credits (of all depts)	8.1%	5.1%	5.7%	-3.00%	0.60%	-2.40%
# of Students taking Basic English	28	21	22	-7	1	-6
% of Students taking Basic English (of all students)	100%	84%	88%	-16%	4%	-12%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Middle Level English						
Average Middle English Credits Per Student	0.86	0.90	1.28	0.04	0.38	0.42
% of Middle English Credits (of all Eng.)	27%	26%	32%	-1.00%	6.00%	5.00%
% of Middle English Credits (of all depts)	4.1%	4.6%	5.8%	0.50%	1.20%	1.70%
# of Students taking Middle English	25	22	24	-3	2	-1
% of Students taking Middle English (of all students)	89%	88%	96%	-1%	8%	7%
Advanced Level English						
Average Adv. English Credits Per Student	0.63	1.50	1.52	0.87	0.02	0.89
% of Adv. English Credits (of all Eng.)	20%	44%	37%	24.00%	-7.00%	17.00%
% of Adv. English Credits (of all depts.)	3.0%	7.6%	7.0%	4.60%	-0.60%	4.00%
# of Students taking Advanced English	21	23	24	2	1	3
% of Students taking Advanced English (of all students)	75%	92%	96%	17%	4%	21%
Foreign Language						
Average F. Lang. Credits Per Student	0.21	0.10	0.00	-0.11	-0.10	-0.21
Average F. Lang. Credits (all depts.)	20.96	19.76	21.94	-1.20	2.18	0.98
% of F. Lang. Credits (of all depts.)	1.0%	.51%	0%	-0.49%	-0.51%	-1.00%
# of Students taking F. Language	7	3	0	-4	-3	-7
# of Students (total sample)	28	25	25	-3	0	-3
% of Students taking F. Language (of all students)	25%	12%	0%	-13%	-12%	-25%
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.21	0.10	0.00	-0.11	-0.10	-0.21
% of Basic F.Lang.Credits (of all F.Lang)	100%	100%	0%	0.00%	-100.00%	-100.00%
% of Basic F.Lang.Credits (of all depts.)	.98%	.51%	0%	-0.47%	-0.51%	-0.98%

Table E1.8 (cont.)

BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	Average Credits 1982	1985	1988	Change in Average Credits 1985-1982	1988-1985	1988-1982
# of Students taking Basic F.Lang.	7	3	0	-4	-3	-7
% of Students taking Basic F.Lang. (of all students)	25%	12%	0%	-13%	-12%	-25%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Middle F.Lang.Credits (of all F.Lang)	0%	0%	0%	0.00%	0.00%	0.00%
% of Middle F.Lang.Credits (of all depts)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Middle F.Lang.	0	0	0	0	0	0
% of Students taking Middle F.Lang. (of all students)	0%	0%	0%	0%	0%	0%
Advanced Level Foreign Language						
Average Adv. F.Lang.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Adv. F.Lang.Credits (of all F.Lang)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv. F.Lang.Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Adv. F.Lang.	0	0	0	0	0	0
% of Students taking Adv. F.Lang. (of all students)	0%	0%	0%	0%	0%	0%
Personal Skills						
Average Pers. Skills Credits Per Student	2.13	1.74	2.04	-0.39	0.30	-0.09
Average Pers. Skills Credits (all depts.)	20.96	19.76	21.94	-1.20	2.18	0.98
% of Pers. Skills Credits (of all depts.)	10%	8.8%	9.3%	-1.20%	0.50%	-0.70%
# of Students taking Pers. Skills	28	23	25	-5	2	-3
# of Students (total sample)	28	25	25	-3	0	-3
% of Students taking Pers. Skills (of all students)	100%	92%	100%	-8%	8%	0%
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	1.89	1.58	1.70	-0.31	0.12	-0.19

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Basic Pers.S.Credits (of all P.S.)	89%	91%	83%	2.00%	-8.00%	-6.00%
% of Basic Pers.S.Credits (of all depts.)	9.0%	8.0%	7.7%	-1.00%	-0.30%	-1.30%
# of Students taking Basic Pers. Skills	28	23	25	-5	2	-3
% of Students taking Basic Pers. Skills (of all students)	100%	92%	100%	-8%	8%	0%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.02	0.08	0.20	0.06	0.12	0.18
% of Middle Pers.S.Credits (of all P.S.)	.85%	4.6%	10%	3.75%	5.40%	9.15%
% of Middle Pers.S.Credits (of all depts)	.09%	.40%	.91%	0.31%	0.51%	0.82%
# of Students taking Middle Pers. Skills	1	3	3	2	0	2
% of Students taking Middle Pers. Skills (of all students)	3.6%	12%	12%	8.4%	0%	8.4%
Advanced Level Personal Skills						
Average Adv. Pers.S.Credits Per Student	0.04	0.06	0.06	0.02	0.00	0.02
% of Adv.Pers.S.Credits (of all P.S.)	1.7%	3.4%	2.9%	1.70%	-0.50%	1.20%
% of Adv.Pers.S.Credits (of all depts.)	.17%	.30%	.27%	0.13%	-0.03%	0.10%
# of Students taking Adv. Pers. Skills	1	1	2	0	1	1
% of Students taking Adv. Pers. Skills (of all students)	3.6%	4.0%	8.0%	0.40%	4.00%	4.40%
Social Studies						
Average S.S. Credits Per Student	3.22	3.10	2.96	-0.12	-0.14	-0.26
Average Credits (all departments)	20.96	19.76	21.94	-1.20	2.18	0.98
% of S.S.Credits (of all depts.)	15%	16%	13%	1.00%	-3.00%	-2.00%
# of Students taking S.S.	28	25	25	-3	0	-3
# of Students (total sample)	28	25	25	-3	0	-3
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%

Table E1.8 (cont.)

BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	Average Credits 1982	1985	1988	Change in Average Credits 1985-1982	1988-1985	1988-1982
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	3.22	3.06	2.96	-0.16	-0.10	-0.26
% of Basic S.S.Credits (of all S.S.)	100%	99%	100%	-1.00%	1.00%	0.00%
% of Basic S.S.Credits (of all depts.)	15%	15%	13%	0.00%	-2.00%	-2.00%
# of Students taking Basic S.S.	28	25	25	-3	0	-3
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Middle S.S.Credits (of all S.S)	0%	0%	0%	0.00%	0.00%	0.00%
% of Middle S.S.Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Middle S.S.	0	0	0	0	0	0
% of Students taking Middle S.S. (of all students)	0%	0%	0%	0%	0%	0%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Adv. S.S.Credits (of all S.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv. S.S. Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Advanced S.S.	0	0	0	0	0	0
% of Students taking Advanced S.S. (of all students)	0%	0%	0%	0%	0%	0%
HIGH SCHOOL 12, DISTRICT 7, MISSOURI						
Art						
Average Art Credits Per Student	1.70	1.68	1.18	-0.02	-0.50	-0.52
Average Credits (all departments)	21.07	21.12	22.22	0.05	1.10	1.15
% of Art Credits (of all depts.)	8.1%	8.0%	5.3%	-0.10%	-2.70%	-2.80%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
# of Students taking Art	24	28	22	4	-6	-2
# of Students (total sample)	27	28	25	1	-3	-2
% of Students taking Art (of all students)	89%	100%	88%	11%	-12%	-1%
Basic Level Art						
Average Basic Art Credits Per Student	1.70	1.64	1.16	-0.06	-0.48	-0.54
% of Basic Art Credits (of all Art)	100%	98%	98%	-2.00%	0.00%	-2.00%
% of Basic Art Credits (of all depts.)	8.1%	7.8%	5.2%	-0.30%	-2.60%	-2.90%
# of Students taking Basic Art	24	27	22	3	-5	-2
% of Students taking Basic Art (of all students)	89%	96%	88%	7%	-8%	-1%
Middle Level Art						
Average Middle Art Credits Per Student	0.00	0.04	0.02	0.04	-0.02	0.02
% of Middle Art Credits (of all Art)	0%	2.1%	1.7%	2.10%	-0.40%	1.70%
% of Middle Art Credits (of all depts.)	0%	.17%	.09%	0.17%	-0.08%	0.09%
# of Students taking Middle Art	0	1	1	1	0	1
% of Students taking Middle Art (of all students)	0%	3.6%	4.0%	3.6%	0.4%	4%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Advanced Art Credits (of all Art)	0%	0%	0%	0.00%	0.00%	0.00%
% of Advanced Art Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Advanced Art	0	0	0	0	0	0
% of Students taking Advanced Art (of all students)	0%	0%	0%	0%	0%	0%
English						
Average English Credits Per Student	3.85	3.83	4.16	-0.02	0.33	0.31
Average Credits (all departments)	21.07	21.12	22.22	0.05	1.10	1.15

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of English Credits (of all depts.)	18%	18%	19%	0.00%	1.00%	1.00%
# of Students taking English	27	28	25	1	-3	-2
# of Students (total sample)	27	28	25	1	-3	-2
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	1.94	1.69	1.78	-0.25	0.09	-0.16
% of Basic English Credits (of all Eng.)	50%	44%	43%	-6.00%	-1.00%	-7.00%
% of Basic English Credits (of all depts)	9.2%	8.0%	8.0%	-1.20%	0.00%	-1.20%
# of Students taking Basic English	27	28	25	1	-3	-2
% of Students taking Basic English (of all students)	100%	100%	100%	0%	0%	0%
Middle Level English						
Average Middle English Credits Per Student	0.98	0.98	0.96	0.00	-0.02	-0.02
% of Middle English Credits (of all Eng.)	25%	26%	23%	1.00%	-3.00%	-2.00%
% of Middle English Credits (of all depts)	4.7%	4.7%	4.3%	0.00%	-0.40%	-0.40%
# of Students taking Middle English	26	27	24	1	-3	-2
% of Students taking Middle English (of all students)	96%	96%	96%	0%	0%	0%
Advanced Level English						
Average Adv. English Credits Per Student	0.93	1.16	1.42	0.23	0.26	0.49
% of Adv. English Credits (of all Eng.)	24%	30%	34%	6.00%	4.00%	10.00%
% of Adv. English Credits (of all depts.)	4.4%	5.5%	6.4%	1.10%	0.90%	2.00%
# of Students taking Advanced English	26	26	24	0	-2	-2
% of Students taking Advanced English (of all students)	96%	93%	96%	-3%	3%	0%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Foreign Language						
Average F. Lang. Credits Per Student	0.24	0.39	0.42	0.15	0.03	0.18
Average F. Lang. Credits (all depts.)	21.07	21.12	22.22	0.05	1.10	1.15
% of F. Lang. Credits (of all depts.)	1.1%	1.9%	1.9%	0.80%	0.00%	0.80%
# of Students taking F. Language	7	8	8	1	0	1
# of Students (total sample)	27	28	25	1	-3	-2
% of Students taking F. Language (of all students)	26%	29%	32%	3%	3%	6%
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.19	0.27	0.30	0.08	0.03	0.11
% of Basic F.Lang.Credits (of all F.Lang)	77%	68%	71%	-9.00%	3.00%	-6.00%
% of Basic F.Lang.Credits (of all depts.)	.88%	1.3%	1.4%	0.42%	0.10%	0.52%
# of Students taking Basic F.Lang.	6	7	8	1	1	2
% of Students taking Basic F.Lang. (of all students)	22%	25%	32%	3%	7%	10%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.06	0.13	0.12	0.07	-0.01	0.06
% of Middle F.Lang.Credits (of all F.Lang)	23%	32%	29%	9.00%	-3.00%	6.00%
% of Middle F.Lang.Credits (of all depts)	.27%	.59%	.54%	0.32%	-0.05%	0.27%
# of Students taking Middle F.Lang.	2	4	3	2	-1	1
% of Students taking Middle F.Lang. (of all students)	7.4%	14%	12%	6.60%	-2.00%	4.60%
Advanced Level Foreign Language						
Average Adv. F.Lang.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Adv. F.Lang.Credits (of all F.Lang)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv. F.Lang.Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
# of Students taking Adv. F.Lang.	0	0	0	0	0	0
% of Students taking Adv. F.Lang. (of all students)	0%	0%	0%	0%	0%	0%
Personal Skills						
Average Pers. Skills Credits Per Student	2.56	2.24	2.40	-0.32	0.16	-0.16
Average Pers. Skills Credits (all depts.)	21.07	21.12	22.22	0.05	1.10	1.15
% of Pers. Skills Credits (of all depts.)	12%	11%	11%	-1.00%	0.00%	-1.00%
# of Students taking Pers. Skills	27	28	25	1	-3	-2
# of Students (total sample)	27	28	25	1	-3	-2
% of Students taking Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	2.06	1.60	1.94	-0.46	0.34	-0.12
% of Basic Pers.S.Credits (of all P.S.)	80%	71%	81%	-9.00%	10.00%	1.00%
% of Basic Pers.S.Credits (of all depts.)	9.8%	7.6%	8.7%	-2.20%	1.10%	-1.10%
# of Students taking Basic Pers. Skills	27	28	25	1	-3	-2
% of Students taking Basic Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.22	0.13	0.16	-0.09	0.03	-0.06
% of Middle Pers.S.Credits (of all P.S.)	8.7%	5.6%	6.7%	-3.10%	1.10%	-2.00%
% of Middle Pers.S.Credits (of all depts)	1.1%	.59%	.72%	-0.51%	0.13%	-0.38%
# of Students taking Middle Pers. Skills	7	4	5	-3	1	-2
% of Students taking Middle Pers. Skills (of all students)	26%	14%	20%	-12%	6%	-6%
Advanced Level Personal Skills						
Average Adv. Pers.S.Credits Per Student	0.28	0.36	0.28	0.08	-0.08	0.00

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Adv.Pers.S.Credits (of all P.S.)	11%	16%	12%	5.00%	-4.00%	1.00%
% of Adv.Pers.S.Credits (of all depts.)	1.3%	1.7%	1.3%	0.40%	-0.40%	0.00%
# of Students taking Adv. Pers. Skills	5	12	6	7	-6	1
% of Students taking Adv. Pers. Skills (of all students)	19%	43%	24%	24%	-19%	5%
Social Studies						
Average S.S. Credits Per Student	3.28	3.20	3.14	-0.08	-0.06	-0.14
Average Credits (all departments)	21.07	21.12	22.22	0.05	1.10	1.15
% of S.S.Credits (of all depts.)	16%	15%	14%	-1.00%	-1.00%	-2.00%
# of Students taking S.S.	27	28	25	1	-3	-2
# of Students (total sample)	27	28	25	1	-3	-2
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	3.24	3.20	3.10	-0.04	-0.10	-0.14
% of Basic S.S.Credits (of all S.S.)	99%	100%	99%	1.00%	-1.00%	0.00%
% of Basic S.S.Credits (of all depts.)	15%	15%	14%	0.00%	-1.00%	-1.00%
# of Students taking Basic S.S.	27	28	25	1	-3	-2
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.04	0.00	0.04	-0.04	0.04	0.00
% of Middle S.S.Credits (of all S.S)	1.1%	0%	1.3%	-1.10%	1.30%	0.20%
% of Middle S.S.Credits (of all depts.)	.18%	0%	.18%	-0.18%	0.18%	0.00%
# of Students taking Middle S.S.	2	0	2	-2	2	0
% of Students taking Middle S.S. (of all students)	7.4%	0%	8.0%	-7.40%	8.00%	0.60%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Adv. S.S.Credits (of all S.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv. S.S. Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Advanced S.S.	0	0	0	0	0	0
% of Students taking Advanced S.S. (of all students)	0%	0%	0%	0%	0%	0%
HIGH SCHOOL 13, DISTRICT 8, PENNSYLVANIA						
Art						
Average Art Credits Per Student	1.76	1.56	2.70	-0.20	1.14	0.94
Average Credits (all departments)	19.60	22.86	27.21	3.26	4.35	7.61
% of Art Credits (of all depts.)	9.0%	6.8%	9.9%	-2.20%	3.10%	0.90%
# of Students taking Art	17	14	21	-3	7	4
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Art (of all students)	68%	56%	84%	-12%	28%	16%
Basic Level Art						
Average Basic Art Credits Per Student	1.56	1.56	2.56	0.00	1.00	1.00
% of Basic Art Credits (of all Art)	89%	100%	95%	11.00%	-5.00%	6.00%
% of Basic Art Credits (of all depts.)	8.0%	6.8%	9.4%	-1.20%	2.60%	1.40%
# of Students taking Basic Art	16	14	21	-2	7	5
% of Students taking Basic Art (of all students)	64%	56%	84%	-8%	28%	20%
Middle Level Art						
Average Middle Art Credits Per Student	0.20	0.00	0.14	-0.20	0.14	-0.06
% of Middle Art Credits (of all Art)	11%	0%	5.2%	-11.00%	5.20%	-5.80%
% of Middle Art Credits (of all depts.)	1.0%	0%	.51%	-1.00%	0.51%	-0.49%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
# of Students taking Middle Art	4	0	4	-4	4	0
% of Students taking Middle Art (of all students)	16%	0%	16%	-16%	16%	0%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Advanced Art Credits (of all Art)	0%	0%	0%	0.00%	0.00%	0.00%
% of Advanced Art Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Advanced Art	0	0	0	0	0	0
% of Students taking Advanced Art (of all students)	0%	0%	0%	0%	0%	0%
English						
Average English Credits Per Student	4.24	4.34	4.28	0.10	-0.06	0.04
Average Credits (all departments)	19.60	22.86	27.21	3.26	4.35	7.61
% of English Credits (of all depts.)	22%	19%	16%	-3.00%	-3.00%	-6.00%
# of Students taking English	25	25	25	0	0	0
# of Students (total sample)	25	25	25	0	0	0
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	2.28	2.18	1.12	-0.10	-1.06	-1.16
% of Basic English Credits (of all Eng.)	54%	50%	26%	-4.00%	-24.00%	-28.00%
% of Basic English Credits (of all depts)	12%	10%	4.1%	-2.00%	-5.90%	-7.90%
# of Students taking Basic English	25	25	25	0	0	0
% of Students taking Basic English (of all students)	100%	100%	100%	0%	0%	0%
Middle Level English						
Average Middle English Credits Per Student	0.64	0.68	1.04	0.04	0.36	0.40

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Middle English Credits (of all Eng.)	15%	16%	24%	1.00%	8.00%	9.00%
% of Middle English Credits (of all depts)	3.3%	3.0%	3.8%	-0.30%	0.80%	0.50%
# of Students taking Middle English	16	15	25	-1	10	9
% of Students taking Middle English (of all students)	64%	60%	100%	-4%	40%	36%
Advanced Level English						
Average Adv. English Credits Per Student	1.24	1.24	2.04	0.00	0.80	0.80
% of Adv. English Credits (of all Eng.)	29%	29%	48%	0.00%	19.00%	19.00%
% of Adv. English Credits (of all depts.)	6.3%	5.4%	7.5%	-0.90%	2.10%	1.20%
# of Students taking Advanced English	21	24	25	3	1	4
% of Students taking Advanced English (of all students)	84%	96%	100%	12%	4%	16%
Foreign Language						
Average F. Lang. Credits Per Student	0.64	1.08	1.48	0.44	0.40	0.84
Average F. Lang. Credits (all depts.)	19.60	22.86	27.21	3.26	4.35	7.61
% of F. Lang. Credits (of all depts.)	3.3%	4.7%	5.4%	1.40%	0.70%	2.10%
# of Students taking F. Language	11	17	20	6	3	9
# of Students (total sample)	25	25	25	0	0	0
% of Students taking F. Language (of all students)	44%	68%	80%	24%	12%	36%
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.44	0.68	0.88	0.24	0.20	0.44
% of Basic F.Lang.Credits (of all F.Lang)	69%	63%	59%	-6.00%	-4.00%	-10.00%
% of Basic F.Lang.Credits (of all depts.)	2.2%	3.0%	3.2%	0.80%	0.20%	1.00%
# of Students taking Basic F.Lang.	11	17	20	6	3	9
% of Students taking Basic F.Lang. (of all students)	44%	68%	80%	24%	12%	36%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.20	0.36	0.52	0.16	0.16	0.32
% of Middle F.Lang.Credits (of all F.Lang)	31%	33%	35%	2.00%	2.00%	4.00%
% of Middle F.Lang.Credits (of all depts)	1.0%	1.6%	1.9%	0.60%	0.30%	0.90%
# of Students taking Middle F.Lang.	5	9	12	4	3	7
% of Students taking Middle F.Lang. (of all students)	20%	36%	48%	16%	12%	28%
Advanced Level Foreign Language						
Average Adv. F.Lang.Credits Per Student	0.00	0.04	0.08	0.04	0.04	0.08
% of Adv. F.Lang.Credits (of all F.Lang)	0%	3.7%	5.4%	3.70%	1.70%	5.40%
% of Adv. F.Lang.Credits (of all depts.)	0%	.17%	.29%	0.17%	0.12%	0.29%
# of Students taking Adv. F.Lang.	0	1	2	1	1	2
% of Students taking Adv. F.Lang. (of all students)	0%	4.0%	8.0%	4%	4%	8%
Personal Skills						
Average Pers. Skills Credits Per Student	1.58	1.98	2.21	0.40	0.23	0.63
Average Pers. Skills Credits (all depts.)	19.60	22.86	27.21	3.26	4.35	7.61
% of Pers. Skills Credits (of all depts.)	8.1%	8.7%	8.1%	0.60%	-0.60%	0.00%
# of Students taking Pers. Skills	22	25	25	3	0	3
# of Students (total sample)	25	25	25	0	0	0
% of Students taking Pers. Skills (of all students)	88%	100%	100%	12%	0%	12%
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	1.53	1.98	2.19	0.45	0.21	0.66
% of Basic Pers.S.Credits (of all P.S.)	97%	100%	99%	3.00%	-1.00%	2.00%
% of Basic Pers.S.Credits (of all depts.)	7.8%	8.7%	8.1%	0.90%	-0.60%	0.30%

Table E1.8 (cont.)

BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	Average Credits 1982	1985	1988	Change in Average Credits 1985-1982	1988-1985	1988-1982
# of Students taking Basic Pers. Skills	22	25	25	3	0	3
% of Students taking Basic Pers. Skills (of all students)	88%	100%	100%	12%	0%	12%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Middle Pers.S.Credits (of all P.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Middle Pers.S.Credits (of all depts)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Middle Pers. Skills	0	0	0	0	0	0
% of Students taking Middle Pers. Skills (of all students)	0%	0%	0%	0%	0%	0%
Advanced Level Personal Skills						
Average Adv. Pers.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Adv.Pers.S.Credits (of all P.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv.Pers.S.Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Adv. Pers. Skills	0	0	0	0	0	0
% of Students taking Adv. Pers. Skills (of all students)	0%	0%	0%	0%	0%	0%
Social Studies						
Average S.S. Credits Per Student	3.52	4.06	4.66	0.54	0.60	1.14
Average Credits (all departments)	19.60	22.86	27.21	3.26	4.35	7.61
% of S.S.Credits (of all depts.)	18%	18%	17%	0.00%	-1.00%	-1.00%
# of Students taking S.S.	25	25	25	0	0	0
# of Students (total sample)	25	25	25	0	0	0
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	3.32	3.28	3.26	-0.04	-0.02	-0.06

Table E1.8 (cont.)

BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	Average Credits 1982	 1985	 1988	Change in Average Credits 1985-1982	 1988-1985	 1988-1982
% of Basic S.S.Credits (of all S.S.)	94%	81%	70%	-13.00%	-11.00%	-24.00%
% of Basic S.S.Credits (of all depts.)	17%	14%	12%	-3.00%	-2.00%	-5.00%
# of Students taking Basic S.S.	25	25	25	0	0	0
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.00	0.10	0.88	0.10	0.78	0.88
% of Middle S.S.Credits (of all S.S)	0%	2.5%	19%	2.50%	16.50%	19.00%
% of Middle S.S.Credits (of all depts.)	0%	.44%	3.2%	0.44%	2.76%	3.20%
# of Students taking Middle S.S.	0	3	22	3	19	22
% of Students taking Middle S.S. (of all students)	0%	12%	88%	12%	76%	88%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.20	0.68	0.52	0.48	-0.16	0.32
% of Adv. S.S.Credits (of all S.S.)	5.7%	17%	11%	11.30%	-6.00%	5.30%
% of Adv. S.S. Credits (of all depts.)	1.0%	3.0%	1.9%	2.00%	-1.10%	0.90%
# of Students taking Advanced S.S.	4	11	10	7	-1	6
% of Students taking Advanced S.S. (of all students)	16%	44%	40%	28%	-4%	24%
HIGH SCHOOL 14, DISTRICT 8, PENNSYLVANIA						
Art						
Average Art Credits Per Student	1.15	1.22	1.48	0.07	0.26	0.33
Average Credits (all departments)	19.91	24.47	28.31	4.56	3.84	8.40
% of Art Credits (of all depts.)	5.8%	5.0%	5.2%	-0.80%	0.20%	-0.60%
# of Students taking Art	15	20	23	5	3	8
# of Students (total sample)	25	31	26	6	-5	1

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Students taking Art (of all students)	60%	65%	88%	5%	23%	28%
Basic Level Art						
Average Basic Art Credits Per Student	1.15	1.09	1.25	-0.06	0.16	0.10
% of Basic Art Credits (of all Art)	100%	89%	84%	-11.00%	-5.00%	-16.00%
% of Basic Art Credits (of all depts.)	5.8%	4.4%	4.4%	-1.40%	0.00%	-1.40%
# of Students taking Basic Art	15	20	23	5	3	8
% of Students taking Basic Art (of all students)	60%	65%	88%	5%	23%	28%
Middle Level Art						
Average Middle Art Credits Per Student	0.00	0.10	0.12	0.10	0.02	0.12
% of Middle Art Credits (of all Art)	0%	8.0%	7.8%	8.00%	-0.20%	7.80%
% of Middle Art Credits (of all depts.)	0%	.40%	.41%	0.40%	0.01%	0.41%
# of Students taking Middle Art	0	3	3	3	0	3
% of Students taking Middle Art (of all students)	0%	9.7%	12%	9.7%	2.3%	12%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.00	0.03	0.12	0.03	0.09	0.12
% of Advanced Art Credits (of all Art)	0%	2.6%	7.8%	2.60%	5.20%	7.80%
% of Advanced Art Credits (of all depts.)	0%	.13%	.41%	0.13%	0.28%	0.41%
# of Students taking Advanced Art	0	1	2	1	1	2
% of Students taking Advanced Art (of all students)	0%	3.2%	7.7%	3.2%	4.5%	7.7%
English						
Average English Credits Per Student	4.00	4.65	4.87	0.65	0.22	0.87
Average Credits (all departments)	19.91	24.47	28.31	4.56	3.84	8.40
% of English Credits (of all depts.)	20%	19%	17%	-1.00%	-2.00%	-3.00%
# of Students taking English	25	31	26	6	-5	1

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL **Art, English, Foreign Language, Personal Skills, and Social Studies**	1982	1985	1988	1985-1982	1988-1985	1988-1982
# of Students (total sample)	25	31	26	6	-5	1
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	1.28	2.21	1.67	0.93	-0.54	0.39
% of Basic English Credits (of all Eng.)	32%	48%	34%	16.00%	-14.00%	2.00%
% of Basic English Credits (of all depts)	6.4%	9.0%	5.9%	2.60%	-3.10%	-0.50%
# of Students taking Basic English	24	31	26	7	-5	2
% of Students taking Basic English (of all students)	96%	100%	100%	4%	0%	4%
Middle Level English						
Average Middle English Credits Per Student	0.96	0.53	1.23	-0.43	0.70	0.27
% of Middle English Credits (of all Eng.)	24%	11%	25%	-13.00%	14.00%	1.00%
% of Middle English Credits (of all depts)	4.8%	2.2%	4.3%	-2.60%	2.10%	-0.50%
# of Students taking Middle English	23	16	26	-7	10	3
% of Students taking Middle English (of all students)	92%	52%	62%	-40%	10%	-30%
Advanced Level English						
Average Adv. English Credits Per Student	1.76	1.81	1.92	0.05	0.11	0.16
% of Adv. English Credits (of all Eng.)	44%	39%	40%	-5.00%	1.00%	-4.00%
% of Adv. English Credits (of all depts.)	8.8%	7.4%	6.8%	-1.40%	-0.60%	-2.00%
# of Students taking Advanced English	24	31	26	7	-5	2
% of Students taking Advanced English (of all students)	96%	100%	100%	4%	0%	4%
Foreign Language						
Average F. Lang. Credits Per Student	0.52	0.97	1.69	0.45	0.72	1.17
Average F. Lang. Credits (all depts.)	19.91	24.47	28.31	4.56	3.84	8.40

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of F. Lang. Credits (of all depts.)	2.6%	4.0%	6.0%	1.40%	2.00%	3.40%
# of Students taking F. Language	5	14	17	9	3	12
# of Students (total sample)	25	31	26	6	-5	1
% of Students taking F. Language (of all students)	20%	45%	65%	25%	20%	45%
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.40	0.65	0.69	0.25	0.04	0.29
% of Basic F.Lang.Credits (of all F.Lang)	77%	67%	41%	-10.00%	-26.00%	-36.00%
% of Basic F.Lang.Credits (of all depts.)	2.0%	2.6%	2.4%	0.60%	-0.20%	0.40%
# of Students taking Basic F.Lang.	5	14	17	9	3	12
% of Students taking Basic F.Lang. (of all students)	20%	45%	65%	25%	20%	45%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.12	0.23	0.42	0.11	0.19	0.30
% of Middle F.Lang.Credits (of all F.Lang)	23%	23%	25%	0.00%	2.00%	2.00%
% of Middle F.Lang.Credits (of all depts)	.60%	.92%	1.5%	0.32%	0.58%	0.90%
# of Students taking Middle F.Lang.	3	6	11	3	5	8
% of Students taking Middle F.Lang. (of all students)	12%	19%	42%	7%	23%	30%
Advanced Level Foreign Language						
Average Adv. F.Lang.Credits Per Student	0.00	0.10	0.58	0.10	0.48	0.58
% of Adv. F.Lang.Credits (of all F.Lang)	0%	10%	34%	10.00%	24.00%	34.00%
% of Adv. F.Lang.Credits (of all depts.)	0%	.40%	2.0%	0.40%	1.60%	2.00%
# of Students taking Adv. F.Lang.	0	3	10	3	7	10
% of Students taking Adv. F.Lang. (of all students)	0%	9.7%	38%	9.7%	28.3%	38%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Personal Skills						
Average Pers. Skills Credits Per Student	1.46	2.34	2.85	0.88	0.51	1.39
Average Pers. Skills Credits (all depts.)	19.91	24.47	28.31	4.56	3.84	8.40
% of Pers. Skills Credits (of all depts.)	7.3%	9.5%	10%	2.20%	0.50%	2.70%
# of Students taking Pers. Skills	25	31	26	6	-5	1
# of Students (total sample)	25	31	26	6	-5	1
% of Students taking Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	1.38	2.34	2.87	0.96	0.53	1.49
% of Basic Pers.S.Credits (of all P.S.)	95%	100%	101%	5.00%	1.00%	6.00%
% of Basic Pers.S.Credits (of all depts.)	6.9%	9.5%	10%	2.60%	0.50%	3.10%
# of Students taking Basic Pers. Skills	25	31	26	6	-5	1
% of Students taking Basic Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Middle Pers.S.Credits (of all P.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Middle Pers.S.Credits (of all depts)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Middle Pers. Skills	0	0	0	0	0	0
% of Students taking Middle Pers. Skills (of all students)	0%	0%	0%	0%	0%	0%
Advanced Level Personal Skills						
Average Adv. Pers.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Adv.Pers.S.Credits (of all P.S.)	0%	0%	0%	0.00%	0.00%	0.00%
% of Adv.Pers.S.Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
# of Students taking Adv. Pers. Skills	0	0	0	0	0	0
% of Students taking Adv. Pers. Skills (of all students)	0%	0%	0%	0%	0%	0%
Social Studies						
Average S.S. Credits Per Student	4.00	4.19	5.06	0.19	0.87	1.06
Average Credits (all departments)	19.91	24.47	28.31	4.56	3.84	8.40
% of S.S.Credits (of all depts.)	20%	17%	18%	-3.00%	1.00%	-2.00%
# of Students taking S.S.	25	31	26	6	-5	1
# of Students (total sample)	25	31	26	6	-5	1
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	3.88	3.87	3.79	-0.01	-0.08	-0.09
% of Basic S.S.Credits (of all S.S.)	97%	92%	75%	-5.00%	-17.00%	-22.00%
% of Basic S.S.Credits (of all depts.)	19%	16%	13%	-3.00%	-3.00%	-6.00%
# of Students taking Basic S.S.	25	31	26	6	-5	1
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.04	0.00	1.12	-0.04	1.12	1.08
% of Middle S.S.Credits (of all S.S)	1.0%	0%	22%	-1.00%	22.00%	21.00%
% of Middle S.S.Credits (of all depts.)	.20%	0%	3.9%	-0.20%	3.90%	3.70%
# of Students taking Middle S.S.	1	0	25	-1	25	24
% of Students taking Middle S.S. (of all students)	4.0%	0%	96%	-4%	96%	92%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.08	0.32	0.15	0.24	-0.17	0.07
% of Adv. S.S.Credits (of all S.S.)	2.0%	7.7%	3.0%	5.70%	-4.70%	1.00%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Adv. S.S. Credits (of all depts.)	.40%	1.3%	.54%	0.90%	-0.76%	0.14%
# of Students taking Advanced S.S.	2	7	3	5	-4	1
% of Students taking Advanced S.S. (of all students)	8.0%	23%	12%	15%	-11%	4%
HIGH SCHOOL 15, DISTRICT 9, PENNSYLVANIA						
Art						
Average Art Credits Per Student	0.65	0.72	0.77	0.07	0.05	0.12
Average Credits (all departments)	19.82	21.11	21.95	1.29	0.84	2.13
% of Art Credits (of all depts.)	3.3%	3.4%	3.5%	0.10%	0.10%	0.20%
# of Students taking Art	16	17	16	1	-1	0
# of Students (total sample)	25	28	23	3	-5	-2
% of Students taking Art (of all students)	64%	61%	70%	-3%	9%	6%
Basic Level Art						
Average Basic Art Credits Per Student	0.38	0.48	0.60	0.10	0.12	0.22
% of Basic Art Credits (of all Art)	59%	66%	77%	7.00%	11.00%	18.00%
% of Basic Art Credits (of all depts.)	1.9%	2.3%	2.7%	0.40%	0.40%	0.80%
# of Students taking Basic Art	14	15	14	1	-1	0
% of Students taking Basic Art (of all students)	56%	54%	61%	-2%	7%	5%
Middle Level Art						
Average Middle Art Credits Per Student	0.20	0.07	0.00	-0.13	-0.07	-0.20
% of Middle Art Credits (of all Art)	31%	10%	0%	-21.00%	-10.00%	-31.00%
% of Middle Art Credits (of all depts.)	1.0%	.34%	0%	-0.66%	-0.34%	-1.00%
# of Students taking Middle Art	4	3	0	-1	-3	-4
% of Students taking Middle Art (of all students)	16%	11%	0%	-5%	-11%	-16%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Advanced Level Art						
Average Advanced Art Credits Per Student	0.06	0.18	0.17	0.12	-0.01	0.11
% of Advanced Art Credits (of all Art)	10%	24%	23%	14.00%	-1.00%	13.00%
% of Advanced Art Credits (of all depts.)	.32%	.83%	.79%	0.51%	-0.04%	0.47%
# of Students taking Advanced Art	7	10	7	3	-3	0
% of Students taking Advanced Art (of all students)	28%	36%	30%	8%	-6%	2%
English						
Average English Credits Per Student	4.72	5.05	4.62	0.33	-0.43	-0.10
Average Credits (all departments)	19.82	21.11	21.95	1.29	0.84	2.13
% of English Credits (of all depts.)	24%	24%	21%	0.00%	-3.00%	-3.00%
# of Students taking English	25	28	23	3	-5	-2
# of Students (total sample)	25	28	23	3	-5	-2
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%
Basic Level English						
Average Basic English Credits Per Student	2.48	2.64	1.84	0.16	-0.80	-0.64
% of Basic English Credits (of all Eng.)	53%	52%	40%	-1.00%	-12.00%	-13.00%
% of Basic English Credits (of all depts)	13%	13%	8.4%	0.00%	-4.60%	-4.60%
# of Students taking Basic English	25	27	22	2	-5	-3
% of Students taking Basic English (of all students)	100%	96%	96%	-4%	0%	-4%
Middle Level English						
Average Middle English Credits Per Student	1.12	1.14	1.17	0.02	0.03	0.05
% of Middle English Credits (of all Eng.)	24%	23%	25%	-1.00%	2.00%	1.00%
% of Middle English Credits (of all depts)	5.7%	5.4%	5.3%	-0.30%	-0.10%	-0.40%
# of Students taking Middle English	21	25	21	4	-4	0

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Students taking Middle English (of all students)	84%	89%	91%	5%	2%	7%
Advanced Level English						
Average Adv. English Credits Per Student	1.12	1.27	1.61	0.15	0.34	0.49
% of Adv. English Credits (of all Eng.)	24%	25%	35%	1.00%	10.00%	11.00%
% of Adv. English Credits (of all depts.)	5.7%	6.0%	7.3%	0.30%	1.30%	1.60%
# of Students taking Advanced English	21	20	21	-1	1	0
% of Students taking Advanced English (of all students)	84%	71%	91%	-13%	20%	7%
Foreign Language						
Average F. Lang. Credits Per Student	0.64	0.71	0.87	0.07	0.16	0.23
Average F. Lang. Credits (all depts.)	19.82	21.11	21.95	1.29	0.84	2.13
% of F. Lang. Credits (of all depts.)	3.2%	3.3%	4.0%	0.10%	0.70%	0.80%
# of Students taking F. Language	25	26	14	1	-12	-11
# of Students (total sample)	25	28	23	3	-5	-2
% of Students taking F. Language (of all students)	100%	93%	61%	-7%	-32%	-39%
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.24	0.49	0.44	0.25	-0.05	0.20
% of Basic F.Lang.Credits (of all F.Lang)	38%	70%	50%	32.00%	-20.00%	12.00%
% of Basic F.Lang.Credits (of all depts.)	1.2%	2.3%	2.0%	1.10%	-0.30%	0.80%
# of Students taking Basic F.Lang.	25	26	13	1	-13	-12
% of Students taking Basic F.Lang. (of all students)	100%	93%	57%	-7%	-36%	-43%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.32	0.14	0.30	-0.18	0.16	-0.02
% of Middle F.Lang.Credits (of all F.Lang)	50%	20%	35%	-30.00%	15.00%	-15.00%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Middle F.Lang.Credits (of all depts)	1.6%	.68%	1.4%	-0.92%	0.72%	-0.20%
# of Students taking Middle F.Lang.	10	4	9	-6	5	-1
% of Students taking Middle F.Lang. (of all students)	40%	14%	39%	-26%	25%	-1%
Advanced Level Foreign Language						
Average Adv. F.Lang.Credits Per Student	0.08	0.07	0.13	-0.01	0.06	0.05
% of Adv. F.Lang.Credits (of all F.Lang)	13%	10%	15%	-3.00%	5.00%	2.00%
% of Adv. F.Lang.Credits (of all depts.)	.40%	.34%	.59%	-0.06%	0.25%	0.19%
# of Students taking Adv. F.Lang.	2	1	2	-1	1	0
% of Students taking Adv. F.Lang. (of all students)	8.0%	3.6%	8.7%	-4.4%	5.1%	0.7%
Personal Skills						
Average Pers. Skills Credits Per Student	2.36	3.19	2.86	0.83	-0.33	0.50
Average Pers. Skills Credits (all depts.)	19.82	21.11	21.95	1.29	0.84	2.13
% of Pers. Skills Credits (of all depts.)	12%	15%	13%	3.00%	-2.00%	1.00%
# of Students taking Pers. Skills	19	27	23	8	-4	4
# of Students (total sample)	25	28	23	3	-5	-2
% of Students taking Pers. Skills (of all students)	76%	96%	100%	20%	4%	24%
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	1.91	2.18	2.56	0.27	0.38	0.65
% of Basic Pers.S.Credits (of all P.S.)	81%	68%	89%	-13.00%	21.00%	8.00%
% of Basic Pers.S.Credits (of all depts.)	9.6%	10%	12%	0.40%	2.00%	2.40%
# of Students taking Basic Pers. Skills	19	26	23	7	-3	4
% of Students taking Basic Pers. Skills (of all students)	76%	93%	100%	17%	7%	24%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.34	0.44	0.22	0.10	-0.22	-0.12
% of Middle Pers.S.Credits (of all P.S.)	14%	14%	7.6%	0.00%	-6.40%	-6.40%
% of Middle Pers.S.Credits (of all depts)	1.7%	2.1%	1.0%	0.40%	-1.10%	-0.70%
# of Students taking Middle Pers. Skills	17	20	9	3	-11	-8
% of Students taking Middle Pers. Skills (of all students)	68%	71%	39%	3%	-32%	-29%
Advanced Level Personal Skills						
Average Adv. Pers.S.Credits Per Student	0.02	0.00	0.00	-0.02	0.00	-0.02
% of Adv.Pers.S.Credits (of all P.S.)	.85%	0%	0%	-0.85%	0.00%	-0.85%
% of Adv.Pers.S.Credits (of all depts.)	.10%	0%	0%	-0.10%	0.00%	-0.10%
# of Students taking Adv. Pers. Skills	1	0	0	-1	0	-1
% of Students taking Adv. Pers. Skills (of all students)	4.0%	0%	0%	-4%	0%	-4%
Social Studies						
Average S.S. Credits Per Student	3.22	2.87	3.34	-0.35	0.47	0.12
Average Credits (all departments)	19.82	21.11	21.95	1.29	0.84	2.13
% of S.S.Credits (of all depts.)	16%	14%	15%	-2.00%	1.00%	-1.00%
# of Students taking S.S.	25	28	23	3	-5	-2
# of Students (total sample)	25	28	23	3	-5	-2
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	2.94	2.79	2.99	-0.15	0.20	0.05
% of Basic S.S.Credits (of all S.S.)	92%	97%	90%	5.00%	-7.00%	-2.00%
% of Basic S.S.Credits (of all depts.)	15%	13%	14%	-2.00%	1.00%	-1.00%
# of Students taking Basic S.S.	25	28	23	3	-5	-2

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.00	0.04	0.00	0.04	-0.04	0.00
% of Middle S.S.Credits (of all S.S)	0%	1.3%	0%	1.30%	-1.30%	0.00%
% of Middle S.S.Credits (of all depts.)	0%	.17%	0%	0.17%	-0.17%	0.00%
# of Students taking Middle S.S.	0	1	0	1	-1	0
% of Students taking Middle S.S. (of all students)	0%	3.6%	0%	3.6%	-3.6%	0%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.24	0.04	0.26	-0.20	0.22	0.02
% of Adv. S.S.Credits (of all S.S.)	7.5%	1.3%	7.8%	-6.20%	6.50%	0.30%
% of Adv. S.S. Credits (of all depts.)	1.2%	.17%	1.2%	-1.03%	1.03%	0.00%
# of Students taking Advanced S.S.	7	2	5	-5	3	-2
% of Students taking Advanced S.S. (of all students)	28%	7.1%	22%	-20.9%	14.9%	-6%
HIGH SCHOOL 16, DISTRICT 9, PENNSYLVANIA						
Art						
Average Art Credits Per Student	1.01	0.20	0.84	-0.81	0.64	-0.17
Average Credits (all departments)	22.83	20.94	21.45	-1.89	0.51	-1.38
% of Art Credits (of all depts.)	4.4%	.96%	3.9%	-3.44%	2.94%	-0.50%
# of Students taking Art	18	7	19	-11	12	1
# of Students (total sample)	24	25	25	1	0	1
% of Students taking Art (of all students)	75%	28%	76%	-47%	48%	1%
Basic Level Art						
Average Basic Art Credits Per Student	0.86	0.20	0.82	-0.66	0.62	-0.04

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Basic Art Credits (of all Art)	85%	100%	98%	15.00%	-2.00%	13.00%
% of Basic Art Credits (of all depts.)	3.8%	.96%	3.8%	-2.84%	2.84%	0.00%
# of Students taking Basic Art	17	7	17	-10	10	0
% of Students taking Basic Art (of all students)	71%	28%	68%	-43%	40%	-3%
Middle Level Art						
Average Middle Art Credits Per Student	0.13	0.00	0.02	-0.13	0.02	-0.11
% of Middle Art Credits (of all Art)	13%	0%	2.4%	-13.00%	2.40%	-10.60%
% of Middle Art Credits (of all depts.)	.58%	0%	.09%	-0.58%	0.09%	-0.49%
# of Students taking Middle Art	3	0	1	-3	1	-2
% of Students taking Middle Art (of all students)	13%	0%	4.0%	-13%	4%	-9%
Advanced Level Art						
Average Advanced Art Credits Per Student	0.02	0.00	0.00	-0.02	0.00	-0.02
% of Advanced Art Credits (of all Art)	1.7%	0%	0%	-1.70%	0.00%	-1.70%
% of Advanced Art Credits (of all depts.)	.07%	0%	0%	-0.07%	0.00%	-0.07%
# of Students taking Advanced Art	1	0	0	-1	0	-1
% of Students taking Advanced Art (of all students)	4.2%	0%	0%	-4.2%	0%	-4.2%
English						
Average English Credits Per Student	5.79	4.56	4.56	-1.23	0.00	-1.23
Average Credits (all departments)	22.83	20.94	21.45	-1.89	0.51	-1.38
% of English Credits (of all depts.)	25%	22%	21%	-3.00%	-1.00%	-4.00%
# of Students taking English	24	25	25	1	0	1
# of Students (total sample)	24	25	25	1	0	1
% of Students taking English (of all students)	100%	100%	100%	0%	0%	0%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Basic Level English						
Average Basic English Credits Per Student	3.10	2.32	2.54	-0.78	0.22	-0.56
% of Basic English Credits (of all Eng.)	54%	51%	56%	-3.00%	5.00%	2.00%
% of Basic English Credits (of all depts)	14%	11%	12%	-3.00%	1.00%	-2.00%
# of Students taking Basic English	24	22	25	-2	3	1
% of Students taking Basic English (of all students)	100%	88%	100%	-12%	12%	0%
Middle Level English						
Average Middle English Credits Per Student	1.07	0.80	0.82	-0.27	0.02	-0.25
% of Middle English Credits (of all Eng.)	18%	18%	18%	0.00%	0.00%	0.00%
% of Middle English Credits (of all depts)	4.7%	3.8%	3.8%	-0.90%	0.00%	-0.90%
# of Students taking Middle English	22	18	22	-4	4	0
% of Students taking Middle English (of all students)	92%	72%	88%	-20%	16%	-4%
Advanced Level English						
Average Adv. English Credits Per Student	1.63	1.44	1.20	-0.19	-0.24	-0.43
% of Adv. English Credits (of all Eng.)	28%	32%	26%	4.00%	-6.00%	-2.00%
% of Adv. English Credits (of all depts.)	7.1%	6.9%	5.6%	-0.20%	-1.30%	-1.50%
# of Students taking Advanced English	22	21	22	-1	1	0
% of Students taking Advanced English (of all students)	92%	84%	88%	-8%	4%	-4%
Foreign Language						
Average F. Lang. Credits Per Student	0.29	0.60	0.68	0.31	0.08	0.39
Average F. Lang. Credits (all depts.)	22.83	20.94	21.45	-1.89	0.51	-1.38
% of F. Lang. Credits (of all depts.)	1.3%	2.9%	3.2%	1.60%	0.30%	1.90%
# of Students taking F. Language	22	25	11	3	-14	-11

Table E1.8 (cont.)

BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	Average Credits 1982	 1985	 1988	Change in Average Credits 1985-1982	 1988-1985	 1988-1982
# of Students (total sample)	24	25	25	1	0	1
% of Students taking F. Language (of all students)	92%	100%	44%	8%	-56%	-48%
Basic Level Foreign Language						
Average Basic F.Lang.Credits Per Student	0.21	0.44	0.48	0.23	0.04	0.27
% of Basic F.Lang.Credits (of all F.Lang)	71%	73%	71%	2.00%	-2.00%	0.00%
% of Basic F.Lang.Credits (of all depts.)	.91%	2.1%	2.2%	1.19%	0.10%	1.29%
# of Students taking Basic F.Lang.	22	25	11	3	-14	-11
% of Students taking Basic F.Lang. (of all students)	92%	100%	44%	8%	-56%	-48%
Middle Level Foreign Language						
Average Middle F.Lang.Credits Per Student	0.08	0.12	0.20	0.04	0.08	0.12
% of Middle F.Lang.Credits (of all F.Lang)	28%	20%	29%	-8.00%	9.00%	1.00%
% of Middle F.Lang.Credits (of all depts)	.36%	.57%	.93%	0.21%	0.36%	0.57%
# of Students taking Middle F.Lang.	3	6	6	3	0	3
% of Students taking Middle F.Lang. (of all students)	13%	24%	24%	11%	0%	11%
Advanced Level Foreign Language						
Average Adv. F.Lang.Credits Per Student	0.00	0.04	0.00	0.04	-0.04	0.00
% of Adv. F.Lang.Credits (of all F.Lang)	0%	6.7%	0%	6.70%	-6.70%	0.00%
% of Adv. F.Lang.Credits (of all depts.)	0%	.19%	0%	0.19%	-0.19%	0.00%
# of Students taking Adv. F.Lang.	0	1	0	1	-1	0
% of Students taking Adv. F.Lang. (of all students)	0%	4.0%	0%	4%	-4%	0%
Personal Skills						
Average Pers. Skills Credits Per Student	3.66	4.29	2.68	0.63	-1.61	-0.98
Average Pers. Skills Credits (all depts.)	22.83	20.94	21.45	-1.89	0.51	-1.38

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Pers. Skills Credits (of all depts.)	16%	20%	12%	4.00%	-8.00%	-4.00%
# of Students taking Pers. Skills	24	25	25	1	0	1
# of Students (total sample)	24	25	25	1	0	1
% of Students taking Pers. Skills (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Personal Skills						
Average Basic Pers.S.Credits Per Student	3.48	3.66	2.36	0.18	-1.30	-1.12
% of Basic Pers.S.Credits (of all P.S.)	95%	85%	88%	-10.00%	3.00%	-7.00%
% of Basic Pers.S.Credits (of all depts.)	15%	17%	11%	2.00%	-6.00%	-4.00%
# of Students taking Basic Pers. Skills	24	24	25	0	1	1
% of Students taking Basic Pers. Skills (of all students)	100%	96%	100%	-4%	4%	0%
Middle Level Personal Skills						
Average Middle Pers.S.Credits Per Student	0.04	0.02	0.02	-0.02	0.00	-0.02
% of Middle Pers.S.Credits (of all P.S.)	1.1%	.47%	.75%	-0.63%	0.28%	-0.35%
% of Middle Pers.S.Credits (of all depts)	.18%	.10%	.09%	-0.08%	-0.01%	-0.09%
# of Students taking Middle Pers. Skills	2	1	2	-1	1	0
% of Students taking Middle Pers. Skills (of all students)	8.3%	4.0%	8.0%	-4.3%	4%	-0.3%
Advanced Level Personal Skills						
Average Adv. Pers.S.Credits Per Student	0.02	0.00	0.02	-0.02	0.02	0.00
% of Adv.Pers.S.Credits (of all P.S.)	.57%	0%	.75%	-0.57%	0.75%	0.18%
% of Adv.Pers.S.Credits (of all depts.)	.09%	0%	.09%	-0.09%	0.09%	0.00%
# of Students taking Adv. Pers. Skills	1	0	2	-1	2	1
% of Students taking Adv. Pers. Skills (of all students)	4.2%	0%	8.0%	-4.2%	8%	3.8%

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
Social Studies						
Average S.S. Credits Per Student	2.67	2.65	3.16	-0.02	0.51	0.49
Average Credits (all departments)	22.83	20.94	21.45	-1.89	0.51	-1.38
% of S.S.Credits (of all depts.)	12%	13%	15%	1.00%	2.00%	3.00%
# of Students taking S.S.	24	25	25	1	0	1
# of Students (total sample)	24	25	25	1	0	1
% of Students taking S.S. (of all students)	100%	100%	100%	0%	0%	0%
Basic Level Social Studies						
Average Basic S.S. Credits Per Student	2.67	2.65	3.04	-0.02	0.39	0.37
% of Basic S.S.Credits (of all S.S.)	100%	100%	96%	0.00%	-4.00%	-4.00%
% of Basic S.S.Credits (of all depts.)	12%	13%	14%	1.00%	1.00%	2.00%
# of Students taking Basic S.S.	24	25	25	1	0	1
% of Students taking Basic S.S. (of all students)	100%	100%	100%	0%	0%	0%
Middle Level Social Studies						
Average Middle S.S.Credits Per Student	0.00	0.00	0.00	0.00	0.00	0.00
% of Middle S.S.Credits (of all S.S)	0%	0%	0%	0.00%	0.00%	0.00%
% of Middle S.S.Credits (of all depts.)	0%	0%	0%	0.00%	0.00%	0.00%
# of Students taking Middle S.S.	0	0	0	0	0	0
% of Students taking Middle S.S. (of all students)	0%	0%	0%	0%	0%	0%
Advanced Level S.S.						
Average Adv. S.S.Credits Per Student	0.00	0.00	0.12	0.00	0.12	0.12
% of Adv. S.S.Credits (of all S.S.)	0%	0%	3.8%	0.00%	3.80%	3.80%
% of Adv. S.S. Credits (of all depts.)	0%	0%	.56%	0.00%	0.56%	0.56%
# of Students taking Advanced S.S.	0	0	3	0	3	3

Table E1.8 (cont.)

	Average Credits			Change in Average Credits		
BY SCHOOL Art, English, Foreign Language, Personal Skills, and Social Studies	1982	1985	1988	1985-1982	1988-1985	1988-1982
% of Students taking Advanced S.S. (of all depts.)	0%	0%	12%	0%	12%	12%

TABLE E2.1

High Enrollment Courses - Top 5 math, science and vocational courses in each subject based on 1988 enrollments

Total Sample	1982	1985	1988
Math			
Algebra I (advanced)	56%	59%	66%
Geometry (advanced)	26%	32%	37%
Pre-Algebra (middle)	18%	23%	33%
General Math 1 (basic)	39%	39%	27%
Consumer Math (middle)	25%	28%	25%
General Math 11 (basic)	31%	28%	25%
Science			
General Biology (middle)	51%	53%	55%
Intro. to Science (basic)	49%	45%	48%
Fundamental Physical Science (basic)	12%	24%	42%
Chemistry 1 (middle)	16%	24%	29%
Earth Science (basic)	15%	19%	29%
Vocational			
Typing 1 (basic)	62%	64%	59%
Basic Business 1 (basic)	12%	16%	21%
Computer Programming 1 (basic)	6%	20%	21%
Basic Home Economics (basic)	21%	22%	18%
Family Relations (basic)	14%	17%	17%
Intro. to Foods (basic)	14%	16%	17%

TABLE E2.2

High Enrollment Courses - Top 5 Art, English, Personal Skills, and Social Studies courses in each subject based on 1988 enrollments

Total Sample	1982	1985	1988
Art			
Art 9 (basic)	19%	20%	19%
Acting I (basic)	9%	9%	14%
Chorus I (basic)	10%	9%	12%
Drawing I (basic)	4%	7%	10%
Theater Dance (basic)	2%	2%	7%
English			
English 9 (basic)	71%	73%	71%
English 10 (middle)	67%	60%	67%
English 11 (advanced)	41%	47%	53%
English 12 (advanced)	39%	45%	47%
Basic English (basic)	18%	13%	21%
Foreign Language			
Spanish I (basic)	22%	28%	46%
Spanish II (middle)	10%	13%	26%
French I (basic)	11%	12%	16%
French 2 (middle)	5%	5%	9%
Spanish III (advanced)	2%	3%	5%
Personal Skills			
Physical Education (basic)	96%	98%	98%
Health Education 1 (basic)	25%	34%	51%
Driver Education,theory (basic)	37%	34%	24%
Health Education 2 (middle)	9%	6%	16%
ROTC 1 (basic)	11%	12%	14%
Social Studies			
World History 1 (basic)	50%	55%	87%
American History 1 (basic)	52%	58%	56%
Basic American Government (basic)	28%	30%	42%
U.S. History 1 (basic)	39%	31%	26%
Citizenship (basic)	14%	20%	24%

TABLE E2.3

High Enrollment Courses - Top 5 math, science and vocational courses in each subject based on 1988 enrollments

By State

California

	1982	1985	1988
Math			
Algebra 1 (advanced)	69%	70%	68%
Pre-Algebra (middle)	24%	41%	58%
Consumer Math (middle)	28%	20%	33%
General Math 1 (basic)	49%	60%	28%
Geometry (advanced)	22%	22%	27%
Computer Literacy (middle)	0%	15%	27%
Science			
Intro. to Science (basic)	47%	47%	62%
General Biology (middle)	54%	65%	50%
Basic Biology (basic)	24%	19%	45%
Fundamental Physical Science (basic)	10%	5%	37%
Chemistry 1 (middle)	16%	21%	30%
Vocational			
Typing 1 (basic)	58%	71%	55%
General Work Experience (basic)	37%	33%	30%
Basic Business 1 (basic)	23%	15%	25%
Electric Assembly 1 (basic)	13%	14%	19%
Family Relations (basic)	15%	21%	19%

Florida

Math			
Algebra 1 (advanced)	49%	60%	54%
General Math 2 (basic)	41%	39%	36%
Geometry (advanced)	22%	42%	33%
Algebra 2 (advanced)	24%	27%	30%
Pre-Algebra (middle)	26%	23%	29%

Table E2.3 (cont).

	1982	1985	1988
Science			
Intro. to Science (basic)	63%	68%	63%
Fundamental Physical Science (basic)	21%	43%	49%
General Biology (middle)	47%	48%	47%
Basic Biology (basic)	43%	40%	42%
Earth Science (basic)	11%	31%	36%
Vocational			
Typing 1 (basic)	57%	65%	38%
Computer Programming (basic)	6%	11%	33%
Basic Home Economics (basic)	28%	34%	26%
Basic Business 1 (basic)	4%	4%	20%
Intro. to Foods (basic)	12%	20%	22%
Missouri			
Math			
Algebra 1 (advanced)	57%	61%	74%
Geometry (advanced)	40%	36%	51%
Pre-Algebra (middle)	17%	28%	41%
General Math 2 (basic)	30%	31%	30%
Computer Literacy (middle)	10%	10%	23%
Science			
Fundamental Physical Science (basic)	16%	40%	55%
Intro. to Science (basic)	56%	36%	46%
General Biology (middle)	35%	29%	39%
Chemistry 1 (middle)	13%	14%	26%
Earth Science (basic)	18%	13%	25%
Vocational			
Typing 1 (basic)	77%	63%	75%
Intro. to Foods (basic)	23%	36%	33%
Accounting 1 (basic)	25%	29%	32%
Child Development (basic)	28%	23%	24%
Woodworking 1 (basic)	19%	17%	23%

Table E2.3 (cont.)

	1982	1985	1988
Pennsylvania			
Math			
Algebra 1 (advanced)	47%	46%	70%
General Math 2 (basic)	48%	43%	47%
General Math 1 (basic)	63%	46%	46%
Geometry (advanced)	21%	28%	37%
Algebra 2 (advanced)	21%	19%	26%
Science			
General Biology (middle)	86%	68%	85%
Earth Science (basic)	32%	29%	52%
Chemistry 1 (middle)	18%	18%	29%
Fundamental Physical Science (basic)	1%	7%	28%
Environmental Science (advanced)	13%	17%	22%
Vocational			
Typing 1 (basic)	56%	58%	57%
Basic Home Economics (basic)	28%	28%	33%
Basic Business 1 (basic)	12%	23%	22%
Computer Programming 1 (basic)	2%	21%	31%
Career Exploration (basic)	2%	7%	29%

TABLE E2.4

High Enrollment Courses - Top 5 Art, English, Personal Skills, and Social Studies courses in each subject based on 1988 enrollments

By State

California

	1982	1985	1988
Art			
Photography (basic)	25%	24%	37%
Acting 1 (basic)	13%	15%	20%
Drawing 1 (basic)	6%	11%	19%
Ceramics 1 (basic)	12%	10%	14%
Jewelry Design 1 (basic)	8%	7%	14%
English			
English 9 (basic)	60%	71%	63%
English 10 (middle)	33%	38%	50%
English 11 (advanced)	26%	47%	40%
Basic English (basic)	11%	10%	38%
English Writing 1 (basic)	22%	40%	34%
Foreign Language			
Spanish 1 (basic)	35%	49%	57%
Spanish 2 (middle)	16%	26%	29%
French 1 (basic)	18%	16%	24%
French 2 (middle)	8%	9%	11%
Spanish 3 (advanced)	3%	4%	4%
Personal Skills			
Physical Education (basic)	97%	97%	97%
Driver Education,Theory(basic)	56%	56%	43%
Student Assistant (basic)	51%	38%	42%
Safety Education (basic)	37%	38%	33%
Driver Education,Practice(basic)8%	25%	28%	
Social Studies			
U.S. History 1 (basic)	95%	90%	93%
World History (basic)	63%	73%	93%
Basic American Government (basic)	21%	65%	78%
Economics 1 (basic)	3%	10%	36%
World Geography (basic)	6%	16%	21%

Table E2.4 (cont.)

	1982	1985	1988
Florida			
Art			
Modern Dance 9 (basic)	0%	0%	24%
Drawing 1 (basic)	6%	10%	21%
Acting 1 (basic)	5%	3%	14%
Drum and Bugle (basic)	5%	0%	14%
Chorus 1 (basic)	0%	5%	11%
English			
English 12 (advanced)	51%	45%	73%
English 9 (basic)	48%	66%	61%
English 11 (advanced)	42%	39%	58%
English 10 (middle)	78%	65%	56%
English 3, Basic (middle)	32%	29%	26%
Foreign Language			
Spanish 1 (basic)	11%	24%	52%
Spanish 2 (middle)	4%	7%	34%
French 1 (basic)	3%	1%	7%
French 2 (middle)	0%	0%	5%
Spanish 3 (advanced)	1%	2%	3%
Personal Skills			
Physical Education (basic)	99%	100%	99%
Health 2 (middle)	14%	2%	50%
Health Education 1 (basic)	6%	25%	49%
Driver Education (basic)	56%	46%	47%
ROTC 1 (basic)	24%	27%	32%
Social Studies			
World History (basic)	29%	47%	95%
Basic American Government (basic)	93%	55%	85%
American History (basic)	93%	88%	82%
Economic 2 (middle)	0%	0%	56%
Civics (basic)	1%	8%	50%

Table E2.4 (cont.)

	1982	1985	1988
Missouri			
Art			
Art 9 (basic)	48%	52%	50%
Chorus 1 (basic)	25%	18%	21%
Photography 1 (basic)	31%	16%	20%
Crafts 9 (basic)	12%	13%	18%
Vocal Ensemble (basic)	7%	11%	13%
English			
English 10 (middle)	92%	72%	92%
English 9 (basic)	97%	67%	84%
English 11 (advanced)	44%	45%	44%
American Literature (basic)	5%	32%	37%
English 12 (advanced)	1%	12%	33%
Foreign Language			
Spanish 1 (basic)	21%	14%	26%
French 1 (basic)	8%	12%	13%
Spanish 2 (middle)	9%	7%	13%
French 2 (middle)	4%	4%	7%
Spanish 3 (advanced)	3%	1%	4%
Personal Skills			
Physical Education (basic)	100%	98%	97%
Health Education 1 (basic)	7%	10%	61%
ROTC 1 (basic)	13%	12%	13%
Advanced Physical Ed. (adv.)	6%	13%	8%
ROTC 2 (middle)	8%	7%	8%
Social Studies			
American History (basic)	81%	91%	95%
World History (basic)	42%	40%	77%
World Geography (basic)	9%	2%	46%
U.S. History 2 (middle)	35%	25%	45%
Citizenship (basic)	31%	41%	44%

Table E2.4 (cont.)

	1982	1985	1988
Pennsylvania			
Art			
General Art (basic)	30%	17%	25%
Acting 1 (basic)	1%	3%	16%
Art 9 (basic)	12%	10%	13%
Chorus 1 (basic)	9%	9%	11%
Beginning Band (basic)	9%	3%	10%
English			
English 9 (basic)	84%	88%	75%
English 10 (middle)	74%	59%	72%
English 11 (advanced)	58%	58%	71%
English 12 (advanced)	70%	60%	60%
Reading Development 1 (basic)	37%	37%	27%
Foreign Language			
Spanish 1 (basic)	17%	27%	46%
Spanish 2 (middle)	11%	13%	28%
French 1 (basic)	13%	17%	20%
French 2 (middle)	8%	8%	11%
Spanish 3 (advanced)	2%	4%	10%
Personal Skills			
Physical Education (basic)	89%	96%	98%
Health Education 1 (basic)	90%	96%	97%
Health 2 (middle)	19%	19%	11%
ROTC 1 (basic)	0%	5%	7%
Basic Skills (basic)	0%	0%	3%
Driver Education (basic)	1%	1%	3%
Yearbook (basic)	3%	6%	3%
Social Studies			
World History (basic)	64%	57%	82%
Social Studies, Intro. (basic)	83%	79%	63%
Citizenship (basic)	17%	28%	52%
American Government (basic)	22%	31%	48%
U.S. History 2 (middle)	1%	3%	47%

TABLE E2.5

High Enrollment Courses - Top 5 math, science, and vocational courses in each subject based on 1988 enrollments

By District	1982	1985	1988
District 1, California			
Math			
Pre-Algebra (middle)	8%	44%	80%
Consumer Math (middle)	43%	29%	54%
Algebra 1 (advanced)	63%	58%	52%
General Math 1 (basic)	41%	58%	40%
Geometry (advanced)	19%	17%	38%
Science			
Intro. to Science (basic)	82%	90%	96%
General Biology (middle)	38%	54%	57%
Anatomy and Physiology (adv.)	2%	2%	24%
Basic Biology (basic)	21%	10%	22%
Chemistry 1 (middle)	2%	6%	20%
Vocational			
Typing 1 (basic)	53%	61%	56%
Career Plan (basic)	15%	12%	36%
Auto 1 (basic)	14%	24%	30%
Business Communication (basic)	2%	2%	24%
Graphic Design 1 (basic)	3%	0%	24%
District 2, California			
Math			
Algebra 1 (advanced)	78%	81%	94%
Computer Literacy (middle)	0%	31%	48%
Consumer Math 2 (middle)	0%	31%	42%
Geometry (advanced)	44%	27%	29%
General Math 1 (basic)	31%	65%	29%
Basic Skills Math (basic)	6%	12%	29%

Table E2.5 (cont.)

Science	1982	1985	1988
Fundamental Physical Science (basic)	11%	4%	87%
General Biology (middle)	69%	58%	74%
Basic Biology (basic)	20%	46%	39%
Planetary Science (advanced)	6%	0%	19%
Chemistry 1 (middle)	11%	12%	13%
Vocational			
Typing 1 (basic)	53%	77%	65%
Family Relations (basic)	44%	73%	55%
General Work Experience (basic)	47%	27%	42%
Architectural Drawing 1 (basic)	19%	23%	35%
Auto 1 (basic)	28%	19%	35%
District 3, California			
Math			
Pre-Algebra (middle)	75%	70%	76%
Algebra 1 (advanced)	71%	81%	68%
Advanced Algebra (advanced)	36%	44%	52%
Adv. Algebra-Trig (advanced)	11%	22%	44%
General Math 3 (middle)	0%	11%	36%
Science			
Basic Biology (basic)	36%	7%	96%
Chemistry 1 (middle)	50%	56%	72%
Intro. to Science (basic)	4%	7%	60%
Fundamental Physical Science (basic)	25%	11%	32%
Anatomy and Physiology (adv.)	21%	26%	28%
Vocational			
General Work Experience (basic)	32%	42%	48%
Basic Business 1 (basic)	61%	4%	40%
Typing 1 (basic)	75%	85%	40%
Intro. to Foods (basic)	11%	15%	20%
Electronics 1 (basic)	7%	19%	28%

Table E2.5 (cont.)

	1982	1985	1988
District 4, Florida			
Math			
Algebra 1 (advanced)	47%	71%	55%
Pre-Algebra (middle)	51%	44%	43%
Computer Math (middle)	30%	31%	39%
Geometry (advanced)	21%	46%	33%
Analytical Geometry (advanced)	8%	0%	27%
Science			
Basic Biology (basic)	85%	79%	80%
Intro. to Science (basic)	48%	73%	61%
Earth Science (basic)	12%	27%	39%
Biology 2 (advanced)	12%	42%	24%
Fundamental Physical Science (basic)	0%	8%	22%
Vocational			
Typing 1 (basic)	52%	46%	39%
Career Exploration (basic)	0%	6%	31%
Office Practice 1 (basic)	17%	15%	29%
Computer Programming 1 (basic)	12%	15%	27%
Basic Home Economics (basic)	35%	35%	24%
Business Education (basic)	46%	33%	24%
District 5, Florida			
Math			
General Math 1 (basic)	54%	62%	60%
Algebra 1 (advanced)	50%	48%	54%
Algebra 2 (advanced)	24%	44%	42%
Basic Math Skills (basic)	48%	28%	38%
Geometry (advanced)	24%	38%	32%
Science			
General Biology (middle)	96%	98%	94%
Fundamental Physical Science (basic)	42%	80%	76%
Intro. to Science (basic)	78%	62%	66%
Chemistry 1 (middle)	22%	50%	36%
Earth Science (basic)	10%	36%	32%

Table E2.5 (cont.)

	1982	1985	1988
Vocational			
Basic Business 1 (basic)	7%	8%	41%
Computer Programming 1 (basic)	0%	6%	39%
Intro. to Foods (basic)	18%	38%	39%
Typing 1 (basic)	66%	84%	37%
Basic Home Economics (basic)	20%	34%	29%
District 6, Missouri			
Math			
Algebra 1 (advanced)	77%	71%	83%
Geometry (advanced)	50%	45%	65%
Algebra 2 (advanced)	33%	29%	46%
Computer Literacy (middle)	19%	20%	44%
Pre-Algebra (middle)	35%	33%	42%
Science			
General Biology (middle)	55%	63%	77%
Fundamental Physical Science (basic)	26%	31%	63%
Intro. to Science (basic)	40%	33%	38%
Chemistry 1 (middle)	19%	14%	37%
Microbiology (advanced)	9%	14%	23%
Vocational			
Typing 1 (basic)	83%	68%	79%
Family Relations (basic)	46%	50%	50%
Accounting 1 (basic)	35%	40%	48%
Parenting (basic)	19%	32%	44%
Intro. to Foods (basic)	29%	36%	38%
District 7, Missouri			
Math			
Algebra 1 (advanced)	40%	52%	64%
General Math 2 (basic)	56%	60%	62%
Consumer Math (middle)	45%	37%	48%
Pre-Algebra (middle)	2%	23%	40%
Basic Math Skills (basic)	29%	29%	36%

Table E2.5 (cont.)

	1982	1985	1988
Science			
Basic Biology (basic)	47%	47%	62%
Intro. to Science (basic)	69%	38%	54%
Earth Science (basic)	33%	26%	50%
Fundamental Physical Science (basic)	7%	49%	46%
Anatomy and Physiology (adv.)	35%	15%	30%
Vocational			
Typing 1 (basic)	71%	58%	72%
Business Education (basic)	31%	30%	34%
Electric Assembly (basic)	16%	15%	30%
Intro. to Foods (basic)	18%	17%	28%
Basic Home Economics (basic)	36%	36%	24%
District 8, Pennsylvania			
Math			
Algebra 1 (advanced)	42%	52%	69%
General Math 1 (basic)	62%	38%	49%
General Math 2 (basic)	30%	32%	47%
Geometry (advanced)	20%	45%	41%
Consumer Math (middle)	6%	50%	39%
Science			
Earth Science (basic)	52%	55%	100%
General Biology (middle)	86%	70%	92%
Environmental Science (adv.)	24%	34%	43%
Chemistry 1 (middle)	18%	25%	33%
Biology 2 (advanced)	18%	23%	22%
Vocational			
Typing 1 (basic)	60%	69%	69%
Computer Programming 1 (basic)	4%	40%	59%
Basic Home Economics (basic)	30%	38%	49%
Career Exploration (basic)	0%	5%	45%
Basic Business 1 (basic)	6%	33%	31%

Table E2.5 (cont.)

	1982	1985	1988
District 9, Pennsylvania			
Math			
Algebra 1 (advanced)	53%	40%	71%
General Math 2 (basic)	67%	55%	48%
General Math 1 (basic)	63%	55%	44%
Algebra 2 (advanced)	24%	13%	33%
Geometry (advanced)	22%	11%	33%
Science			
General Biology (middle)	69%	66%	77%
Fundamental Physical Science (basic)	2%	6%	58%
Intro. to Science (basic)	8%	9%	42%
Chemistry 1 (middle)	14%	11%	25%
Basic Biology (basic)	33%	36%	23%
Vocational			
Typing 1 (basic)	52%	46%	66%
Office Practice 1 (basic)	17%	27%	36%
General Work Experience (basic)	17%	21%	32%
Advanced Typing (middle)	10%	13%	19%
Business Communication (basic)	4%	6%	19%

TABLE E2.6

High Enrollment Courses - Top 5 Art, English, foreign language, personal skills, and social studies courses in each department based on 1988 enrollments

By District	1982	1985	1988
District 1, California			
Art			
Photography I (basic)	30%	29%	46%
Drawing I (basic)	3%	10%	26%
Ceramics I (basic)	3%	6%	18%
Acting I (basic)	5%	4%	14%
Art 9 (basic)	5%	2%	8%
Ballet and Jazz 9 (basic)	0%	4%	8%
English			
English 9 (basic)	57%	63%	84%
English 10 (middle)	52%	50%	70%
English 11 (advanced)	32%	60%	36%
Basic English (basic)	19%	21%	34%
English 2 Basic (middle)	16%	23%	30%
English 4, Honors (advanced)	6%	2%	30%
Foreign Language			
Spanish 1 (basic)	33%	54%	56%
Spanish 2 (middle)	19%	27%	32%
French 1 (basic)	13%	6%	26%
French 2 (middle)	6%	2%	6%
Spanish 3 (advanced)	2%	2%	4%
Personal Skills			
Physical Education (basic)	100%	100%	98%
Safety Education (basic)	73%	77%	70%
Student Assistant (basic)	60%	50%	52%
Driver Education, Theory (basic)	41%	33%	2%
Study Skills 1 (basic)	0%	0%	2%
Weight Training (basic)	0%	2%	2%
Social Studies			
U.S. History 1 (basic)	100%	98%	98%
Basic American Govt. (basic)	11%	79%	96%
World History (basic)	81%	96%	96%
Western Civilization (basic)	16%	10%	36%
Economics 1 (basic)	2%	19%	34%

Table E2.6 (cont.)

	1982	1985	1988
District 2, California			
Art			
Photography 1 (basic)	33%	38%	52%
Jewelry Design (basic)	25%	27%	45%
Acting 1 (basic)	31%	27%	42%
Film Appreciation (basic)	14%	27%	39%
Art 9 (basic)	28%	50%	26%
English			
English Writing 1 (basic)	58%	73%	81%
Basic English (basic)	6%	0%	74%
Plays, Modern Survey (basic)	36%	88%	68%
Mythology (basic)	33%	50%	61%
Creative Writing (basic)	31%	31%	45%
Foreign Language			
Spanish 1 (basic)	39%	58%	61%
Spanish 2 (middle)	8%	23%	19%
French 1 (basic)	14%	19%	3%
German 1 (basic)	14%	4%	3%
Personal Skills			
Physical Education (basic)	100%	100%	100%
Driver Education, Practice(basic)	3%	100%	97%
Driver Education, Theory (basic)	86%	100%	97%
Student Assistant (basic)	72%	54%	61%
Physical Education (advanced)	0%	15%	35%
Social Studies			
U.S. History 1 (basic)	100%	100%	100%
American Govt. (basic)	3%	0%	94%
World History (basic)	69%	85%	84%
World Geography (basic)	22%	65%	71%
Economics 1 (basic)	0%	0%	55%

Table E2.6 (cont.)

	1982	1985	1988
District 3, California			
Art			
General Art (basic)	25%	26%	40%
Chorus 2 (middle)	0%	4%	36%
Modern Dance (advanced)	4%	7%	32%
Advanced Band (middle)	7%	0%	16%
Modern Dance 9 (basic)	18%	22%	16%
English			
English 11 (advanced)	46%	67%	96%
English 12 (advanced)	61%	100%	92%
English 9 (basic)	36%	74%	72%
English 10 (middle)	32%	52%	72%
English Writing 1 (basic)	18%	70%	32%
Foreign Language			
Spanish 1 (basic)	36%	30%	52%
French 1 (basic)	36%	33%	44%
French 2 (middle)	18%	26%	36%
Spanish 2 (middle)	18%	26%	36%
Spanish 3 (advanced)	4%	11%	8%
Personal Skills			
Physical Education (basic)	86%	89%	92%
Driver Education, Theory (basic)	50%	59%	60%
ROTC 1 (basic)	32%	22%	28%
Yearbook (basic)	7%	11%	24%
Student Govt. (basic)	0%	15%	12%
Social Studies			
World History (basic)	14%	19%	100%
American Govt. (basic)	0%	0%	80%
U.S. History (basic)	79%	67%	76%
U.S. History, Honors (advanced)	25%	33%	32%
Civics (basic)	0%	0%	28%

Table E2.6 (cont.)

	1982	1985	1988
District 4, Florida			
Art			
Drawing (basic)	11%	19%	39%
Acting 1 (basic)	9%	6%	27%
Actors Workshop (basic)	0%	4%	18%
Sculpture 1 (basic)	0%	2%	16%
Concert Jazz (middle)	0%	0%	14%
English			
English 9 (basic)	92%	81%	65%
English 12 (advanced)	57%	54%	53%
English 3 (middle)	55%	58%	51%
English 10 (middle)	66%	69%	43%
Communication Skills 1 (basic)	2%	6%	37%
Foreign Language			
Spanish 1 (basic)	15%	25%	39%
Spanish 2 (middle)	8%	13%	27%
French 1 (basic)	6%	2%	14%
French 2 (middle)	0%	0%	10%
Spanish 3 (advanced)	2%	2%	6%
Personal Skills			
Physical Education (basic)	98%	100%	98%
Health Education (basic)	11%	48%	96%
Driver Education, Theory (basic)	74%	81%	92%
Leadership (basic)	0%	27%	16%
Physical Education (advanced)	0%	0%	8%
Social Studies			
World History (basic)	15%	10%	96%
American History (basic)	91%	81%	76%
American Govt. (basic)	92%	12%	73%
Economics 1 (basic)	2%	0%	71%
American Govt. Honors (advanced)	0%	0%	24%
Economics 2 (middle)	0%	0%	24%

Table E2.6 (cont.)

	1982	1985	1988
District 5, Florida			
Art			
Modern Dance 9 (basic)	0%	0%	48%
Drum and Bugle (basic)	8%	0%	28%
Chorus 1 (basic)	0%	10%	16%
Concert Band (basic)	26%	40%	14%
Chorus 2 (middle)	2%	0%	12%
English			
English 12 (advanced)	46%	36%	94%
English 11 (advanced)	86%	68%	92%
English 10 (middle)	90%	60%	70%
English 9 (basic)	0%	50%	58%
Basic English (basic)	100%	54%	50%
Foreign Language			
Spanish 1 (basic)	6%	22%	66%
Spanish 2 (middle)	0%	0%	40%
Latin 1 (basic)	0%	0%	2%
Personal Skills			
Health 2 (middle)	14%	4%	100%
Physical Education (basic)	100%	100%	100%
ROTC 1 (basic)	50%	52%	60%
Team Sports 1 (basic)	0%	0%	46%
Weight Training (basic)	0%	0%	34%
Social Studies			
American Govt. (basic)	94%	100%	98%
Civics (basic)	0%	8%	94%
World History (basic)	44%	86%	94%
Economics 2 (middle)	0%	0%	90%
American History (basic)	96%	96%	88%

Table E2.6 (cont.)

District 6, Missouri

	1982	1985	1988
Art			
Art 9 (basic)	42%	43%	50%
Photography 1 (basic)	21%	20%	25%
Vocal Ensemble (basic)	13%	22%	21%
Chorus 1 (basic)	23%	12%	15%
Advanced Marching Band (middle)	0%	2%	13%
English			
English 9 (basic)	96%	78%	88%
English 10 (middle)	92%	76%	88%
American Literature (basic)	10%	57%	63%
Mass Media 1 (basic)	25%	45%	42%
Modern Classical Lit. (basic)	31%	27%	19%
Foreign Language			
Spanish 1 (basic)	25%	22%	38%
French 1 (basic)	10%	14%	23%
Spanish 2 (middle)	15%	6%	19%
French 2 (middle)	8%	8%	13%
German 1 (basic)	0%	4%	8%
Spanish 3 (advanced)	6%	2%	8%
Personal Skills			
Health Education 1 (basic)	2%	8%	98%
Physical Education (basic)	100%	100%	96%
Physical Education (advanced)	13%	6%	13%
Personal Development (basic)	13%	33%	12%
Health 2 (middle)	10%	4%	6%
Physical Ed. Adaptive (basic)	0%	0%	6%
Social Studies			
American History (basic)	85%	84%	94%
U.S. History 2 (middle)	71%	51%	87%
World Geography (basic)	6%	4%	87%
World History (basic)	4%	16%	85%
Early World History (basic)	2%	12%	83%

Table E2.6 (cont.)

	1982	1985	1988
District 7, Missouri			
Art			
Art 9 (basic)	53%	60%	50%
Crafts 9 (basic)	22%	25%	36%
Chorus 1 (basic)	27%	25%	26%
Photography 1 (basic)	40%	13%	14%
Concert Band (basic)	5%	4%	10%
English			
English 10 (middle)	93%	81%	96%
English 11 (advanced)	80%	87%	90%
English 9 (basic)	98%	57%	80%
English 12 (advanced)	2%	21%	68%
Creative Writing (basic)	2%	26%	20%
Speech (basic)	24%	23%	20%
Foreign Language			
Spanish 1 (basic)	18%	8%	14%
Spanish 2 (middle)	4%	8%	6%
French 1 (basic)	5%	9%	2%
Personal Skills			
Physical Education (basic)	100%	96%	98%
ROTC 1 (basic)	24%	23%	26%
Health Education 1 (basic)	11%	11%	22%
ROTC 2 (middle)	15%	13%	16%
ROTC 3 (advanced)	11%	6%	12%
Social Studies			
American History (basic)	76%	98%	96%
Citizenship (basic)	56%	79%	84%
World History (basic)	75%	64%	70%
Civics (basic)	49%	13%	22%
Afro-American History (basic)	20%	11%	18%
Juvenile Justice (basic)	35%	26%	18%
Psychology 1 (basic)	9%	11%	18%

Table E2.6 (cont.)

District 8, Pennsylvania	1982	1985	1988
Art			
Acting 1 (basic)	0%	5%	29%
Art 9 (basic)	22%	16%	25%
Beginning Band (basic)	14%	5%	20%
Chorus 1 (basic)	16%	18%	20%
Art Services (basic)	4%	11%	16%
English			
English 9 (basic)	96%	100%	80%
English 10 (middle)	72%	46%	80%
English 11 (advanced)	58%	55%	78%
English 12 (advanced)	74%	63%	76%
Literature (basic)	0%	34%	51%
Foreign Language			
Spanish 1 (basic)	18%	25%	51%
Spanish 2 (middle)	8%	9%	33%
French 1 (basic)	14%	27%	25%
Spanish 3 (advanced)	0%	5%	18%
French 2 (middle)	6%	14%	14%
Personal Skills			
Health Education (basic)	94%	98%	100%
Physical Education (basic)	90%	98%	96%
Basic Skills (basic)	0%	0%	6%
Driver Education, Theory (basic)	2%	2%	6%
Yearbook (basic)	6%	11%	6%
Social Studies			
Citizenship (basic)	34%	55%	100%
American Government (basic)	44%	61%	94%
U.S. History 2 (middle)	2%	4%	92%
World History (basic)	66%	41%	80%
Social Studies (basic)	70%	77%	41%

Table E2.6 (cont.)

	1982	1985	1988
District 9, Pennsylvania			
Art			
General Art (basic)	47%	28%	52%
Music 3 (advanced)	16%	17%	17%
Music History (basic)	35%	15%	17%
Music Appreciation (basic)	2%	2%	6%
Vocal Ensemble (basic)	4%	0%	4%
English			
English 9 (basic)	71%	75%	69%
English 10 (middle)	76%	72%	63%
English 11 (advanced)	57%	60%	63%
Reading Development (basic)	73%	75%	56%
Basic English (basic)	24%	26%	38%
Foreign Language			
Spanish 1 (basic)	16%	28%	42%
Spanish 2 (middle)	14%	17%	23%
French 1 (basic)	12%	8%	15%
French 2 (middle)	10%	2%	8%
French 3 (advanced)	0%	2%	4%
Personal Skills			
Physical Education (basic)	88%	94%	100%
Health Education 1 (basic)	86%	94%	94%
Health 2 (middle)	39%	40%	23%
ROTC 1 (basic)	0%	8%	15%
Religion Studies (basic)	2%	2%	4%
Tutoring (basic)	2%	0%	4%
Social Studies			
American History (basic)	92%	94%	96%
Social Studies (basic)	96%	81%	85%
World History (basic)	61%	74%	83%
Social Science, Honors (advanced)	0%	4%	13%
Humanities (basic)	6%	0%	8%
World Geography (basic)	0%	0%	8%

TABLE E2.7

High Enrollment Courses - Top 5 math, science, and vocational courses in each department based on 1988 enrollments

By School	1982	1985	1988
High School 1, District 1, California			
Math			
Pre-Algebra (Middle)	14%	62%	75%
Consumer Math (Middle)	39%	28%	71%
General Math 1 (Basic)	33%	66%	50%
Algebra 1 (Advanced)	67%	52%	38%
Geometry (Advanced)	22%	14%	25%
Science			
Intro. to Science (Basic)	91%	85%	96%
Basic Biology (Basic)	9%	19%	48%
General Biology (Middle)	41%	44%	43%
Biology 2 (Advanced)	3%	4%	22%
Earth Science (Basic)	9%	4%	17%
Vocational			
Career Planning (Basic)	3%	0%	50%
Typing 1 (Basic)	50%	73%	46%
Auto 1 (Basic)	22%	19%	33%
Business Communication (Basic)	3%	4%	29%
General Work Experience (Basic)	41%	31%	29%
High School 2, District 1, California			
Math			
Pre-Algebra (Middle)	0%	22%	85%
Algebra 1 (Advanced)	59%	65%	65%
Geometry (Advanced)	15%	22%	50%
Consumer Math (Middle)	48%	30%	38%
General Math 1 (Basic)	52%	48%	31%

Table E2.7 (cont.)

	1982	1985	1988
Science			
Intro. to Science (Basic)	68%	95%	96%
General Biology (Middle)	32%	67%	69%
Anatomy and Physiology (Adv.)	0%	5%	38%
Chemistry 1 (Middle)	5%	14%	35%
Earth Science (Basic)	5%	5%	12%
Vocational			
Typing 1 (Basic)	56%	48%	65%
Graphic Design 1 (Basic)	0%	0%	38%
Auto 1 (Basic)	4%	30%	27%
Electric Assembly (basic)	19%	22%	27%
Business Communication (basic)	0%	0%	19%

High School 3, District 2, California (same as District 2 table-only 1 high school sampled in this district)

High School 4, District 3, California (same as District 3 table-only 1 high school sampled in this district)

High School 5, District 4, Florida

	1982	1985	1988
Math			
Algebra 1 (advanced)	52%	80%	64%
Geometry (advanced)	28%	56%	40%
Algebra 2 (advanced)	32%	16%	32%
Analytic Geometry (advanced)	12%	0%	32%
Pre-Algebra (middle)	56%	48%	32%
Science			
Basic Biology (basic)	88%	80%	76%
Earth Science (basic)	4%	0%	56%
Chemistry 1 (middle)	24%	32%	40%
Intro. to Science (basic)	64%	96%	40%
Ecology (advanced)	20%	16%	32%
Vocational			
Computer Programming 1 (basic)	0%	24%	36%
Typing 1 (basic)	67%	64%	36%
Business Education (basic)	46%	24%	32%
Fundamental Business (basic)	4%	24%	32%
Health Occupations 1 (basic)	4%	12%	24%

Table E2.7 (cont.)

	1982	1985	1988
High School 6, District 4, Florida			
Math			
Pre-Algebra (middle)	46%	41%	54%
Computer Math (middle)	25%	37%	50%
Algebra 1 (advanced)	43%	63%	46%
Geometry (advanced)	14%	37%	27%
Advanced Algebra, Honors (adv.)	7%	15%	23%
Analytical Geometry (advanced)	4%	0%	23%
Science			
Basic Biology (basic)	81%	78%	85%
Intro. to Science (basic)	33%	52%	81%
Advanced Chemistry (advanced)	15%	7%	23%
Biology 2 (advanced)	19%	52%	23%
Earth Science (basic)	19%	52%	23%
Vocational			
Career Exploration (basic)	0%	11%	62%
Typing 1 (basic)	39%	30%	42%
Basic Home Economics (basic)	46%	44%	38%
Office Practice 1 (basic)	21%	26%	38%
Fundamental Power Mechanics (basic)	7%	7%	23%
High School 7, District 5, Florida			
Math			
Algebra 1 (advanced)	60%	68%	60%
Basic Skills Math (basic)	84%	44%	56%
General Math 1 (basic)	44%	48%	52%
Consumer Math (middle)	76%	48%	48%
Algebra 2 (advanced)	24%	56%	36%
Science			
General Biology (middle)	96%	96%	96%
Intro. to Science (basic)	92%	96%	92%
Fundamental Physical Science (basic)	40%	88%	84%
Chemistry 1 (middle)	20%	60%	28%
Physics 1 (middle)	0%	16%	12%

Table E2.7 (cont.)

	1982	1985	1988
Vocational			
Intro. to Foods (basic)	22%	76%	42%
Typing 1 (basic)	70%	92%	38%
Basic Business 1 (basic)	4%	0%	33%
Computer Programming 1 (basic)	0%	4%	33%
Clothing and Textiles 2 (middle)0%	0%	29%	
High School 8, District 5, Florida			
Math			
General Math 1 (basic)	64%	76%	68%
Algebra 1 (advanced)	40%	28%	48%
Algebra 2 (advanced)	24%	32%	48%
General Math 2 (basic)	64%	64%	40%
Consumer Math (middle)	4%	68%	32%
Trigonometry (advanced)	24%	24%	32%
Science			
General Biology (middle)	96%	100%	92%
Fundamental Physical Science (basic)	44%	72%	68%
Earth Science (basic)	20%	72%	64%
Chemistry 1 (middle)	24%	40%	44%
Intro. to Science (basic)	64%	28%	40%
Vocational			
Basic Home Economics (basic)	38%	48%	52%
Basic Business 1 (basic)	10%	16%	48%
Computer Programming (basic)	0%	8%	44%
Computer Application (middle)	0%	0%	44%
Agriculture Science (basic)	0%	0%	36%
Clothing and Textiles (basic)	19%	8%	36%
Intro. to Food (basic)	14%	0%	36%
Typing 1 (basic)	62%	76%	36%
High School 9, District 6, Missouri			
Math			
Algebra 1 (advanced)	74%	64%	76%
Geometry (advanced)	48%	28%	68%
Computer Literacy (middle)	22%	24%	52%
Pre-Algebra (middle)	39%	36%	48%
Algebra 2 (advanced)	30%	12%	40%

Table E2.7 (cont.)

	1982	1985	1988
Science			
General Biology (middle)	52%	68%	64%
Fundamental Physical Science (basic)	17%	12%	44%
Intro. to Science (basic)	35%	40%	44%
Chemistry 1 (middle)	13%	0%	40%
Microbiology (advanced)	13%	4%	36%
Vocational			
Typing 1 (basic)	78%	64%	88%
Accounting 1 (basic)	30%	28%	48%
Family Relations (basic)	35%	44%	32%
Child Development (basic)	39%	36%	28%
Intro. to Food (basic)	22%	36%	28%
High School 10, District 6, Missouri			
Math			
Algebra 1 (advanced)	80%	77%	89%
Geometry (advanced)	52%	62%	63%
Algebra 2 (advanced)	36%	46%	52%
Computer Literacy (middle)	16%	15%	37%
Pre-Algebra (middle)	32%	31%	37%
Trigonometry (advanced)	28%	31%	22%
Science			
General Biology (middle)	58%	58%	89%
Fundamental Physical Science (basic)	33%	50%	81%
Chemistry 1 (middle)	25%	27%	33%
Intro. to Science (basic)	46%	27%	33%
Anatomy and Physiology (adv.)	4%	12%	11%
Microbiology (advanced)	4%	23%	11%
Vocational			
Typing 1 (basic)	88%	72%	70%
Family Relations (basic)	56%	56%	67%
Parenting (basic)	24%	40%	63%
Accounting 1 (basic)	40%	52%	48%
Intro. to Foods (basic)	36%	36%	48%

Table E2.7 (cont.)

	1982	1985	1988
High School 11, District 7, Missouri			
Math			
Pre-Algebra (middle)	4%	50%	72%
Consumer Math (middle)	46%	46%	64%
Algebra 1 (advanced)	39%	63%	60%
Basic Math Skills (basic)	18%	21%	36%
Basic Math (basic)	29%	4%	28%
Science			
Fundamental Physical Science (basic)	7%	48%	68%
Basic Biology (basic)	57%	52%	64%
Intro. to Science (basic)	68%	36%	48%
Earth Science (basic)	11%	36%	44%
Biology 2 (advanced)	14%	8%	28%
Vocational			
Typing 1 (basic)	79%	64%	76%
Business Education (basic)	43%	40%	48%
Electric Assembly (basic)	7%	8%	48%
General Work Experience (basic)	39%	24%	28%
Graphic Design 1 (basic)	0%	8%	28%
High School 12, District 7, Missouri			
Math			
Algebra 1 (advanced)	41%	43%	68%
General Math 2 (basic)	52%	61%	64%
Geometry (advanced)	19%	36%	48%
Basic Math Skills (basic)	41%	36%	36%
Consumer Math (middle)	44%	29%	32%
Science			
Basic Biology (basic)	37%	43%	60%
Intro. to Science (basic)	70%	39%	60%
Earth Science (basic)	56%	18%	56%
Anatomy and Physiology (advanced)	33%	25%	36%
Chemistry 1 (middle)	0%	21%	20%
Ecology (advanced)	22%	21%	20%
Physics 1 (middle)	0%	14%	20%

Table E2.7 (cont.)

	1982	1985	1988
Vocational			
Typing 1 (basic)	63%	54%	68%
Basic Home Economics (basic)	41%	43%	48%
Computer Programming 1 (basic)	4%	32%	36%
Intro. to Food (basic)	22%	25%	36%
Clothing and Textiles (basic)	19%	18%	24%
Wood 1 (basic)	22%	18%	24%
High School 13, District 8, Pennsylvania			
Math			
Algebra 1 (advanced)	44%	64%	68%
Consumer Math (middle)	12%	44%	52%
General Math 1 (basic)	44%	20%	52%
General Math 2 (basic)	16%	12%	40%
Geometry (advanced)	24%	52%	36%
Science			
Earth Science (basic)	28%	56%	100%
General Biology (middle)	76%	48%	92%
Environmental Science (advanced)	4%	20%	52%
Chemistry 1 (middle)	32%	36%	32%
Biology 2 (advanced)	28%	52%	28%
Vocational			
Typing 1 (basic)	48%	71%	60%
Career Exploration (basic)	0%	8%	48%
Computer Programming (basic)	0%	29%	40%
Business Law (basic)	0%	13%	36%
Basic Business 1 (basic)	4%	21%	32%
Horticulture 1 (basic)	9%	17%	32%
High School 14, District 8, Pennsylvania			
Math			
Algebra 1 (advanced)	40%	42%	69%
General Math 2 (basic)	44%	48%	54%
Geometry (advanced)	16%	39%	46%
General Math 1 (basic)	80%	52%	46%
Algebra 2 (advanced)	12%	23%	38%

Table E2.7 (cont.)

	1982	1985	1988
Science			
Earth Science (basic)	76%	55%	100%
General Biology (advanced)	96%	87%	92%
Chemistry 1 (middle)	4%	16%	35%
Environmental Science (advanced)	44%	45%	35%
Biology 2 (advanced)	8%	0%	15%
Vocational			
Computer Programming 1 (basic)	8%	48%	77%
Typing 1 (basic)	71%	68%	77%
Basic Home Economics (basic)	29%	52%	69%
Wood 1 (basic)	21%	26%	38%
Basic Business 1 (basic)	8%	42%	31%
High School 15, District 9, Pennsylvania			
Math			
Algebra 1 (advanced)	64%	36%	74%
General Math 2 (basic)	56%	57%	48%
Geometry (advanced)	28%	18%	43%
Basic Math (basic)	92%	96%	39%
Algebra 2 (advanced)	32%	11%	35%
Science			
Fundamental Physical Science (basic)	0%	7%	83%
General Biology (middle)	40%	36%	61%
Basic Biology (basic)	56%	68%	43%
Chemistry 1 (middle)	16%	7%	22%
Intro. to Science (basic)	4%	11%	22%
Vocational			
Typing 1 (basic)	54%	48%	61%
Office Practice 1 (basic)	17%	26%	43%
Typing 2 (basic)	4%	11%	35%
General Work Experience (basic)	33%	22%	26%
Small Business Management (basic)	0%	0%	26%

Table E2.7 (cont.)

	1982	1985	1988
High School 16, District 9, Pennsylvania			
Math			
Algebra 1 (advanced)	42%	44%	68%
General Math 1 (basic)	79%	52%	56%
General Math 2 (basic)	79%	52%	48%
Math Tutor (basic)	46%	60%	40%
Algebra 2 (advanced)	17%	16%	32%
Science			
General Biology (middle)	100%	100%	92%
Intro. to Science (basic)	13%	8%	60%
Fundamental Physical Science (basic)	4%	4%	36%
Chemistry 1 (middle)	13%	16%	28%
Basic Biology (basic)	8%	0%	4%
Vocational			
Typing 1 (basic)	50%	44%	71%
Business Communication (basic)	0%	8%	38%
General Work Experience (basic)	0%	20%	38%
Office Practice 1 (basic)	17%	28%	29%
Clothing and Textiles (basic)	38%	16%	25%

TABLE E2.8

High Enrollment Courses - Top 5 Art, English, foreign language, personal skills, and social studies courses in each department based on 1988 enrollments

By School	1982	1985	1988
High School 1, District 1, California			
Art			
Drawing 1 (basic)	6%	14%	29%
Photography 1 (basic)	17%	14%	25%
Acting 1 (basic)	6%	7%	21%
Ceramics 1 (basic)	3%	10%	21%
Ballet 1 (basic)	0%	7%	17%
English			
English 9 (basic)	50%	52%	83%
English 10 (middle)	47%	38%	71%
Basic English (basic)	22%	28%	38%
Mass Media 1 (basic)	3%	0%	29%
English 1,Honors (basic)	17%	3%	25%
Foreign Language			
Spanish 1 (basic)	39%	45%	54%
French 1 (basic)	14%	10%	33%
Spanish 2 (middle)	25%	24%	21%
French 2 (middle)	8%	3%	13%
English 3 (advanced)	0%	0%	4%
Italian 1 (basic)	0%	0%	4%
Italian 2 (middle)	0%	0%	4%
Latin 1 (basic)	0%	0%	4%
Personal Skills			
Physical Education (basic)	100%	100%	96%
Student Assistant (basic)	69%	69%	50%
Safety Education (basic)	100%	93%	42%
Study Skills 1 (basic)	0%	0%	4%

Table E2.8 (cont.)

	1982	1985	1988
Social Studies			
U.S. History (basic)	100%	97%	96%
World History (basic)	89%	93%	96%
American Government (basic)	19%	83%	92%
Social Science 10 (basic)	0%	0%	58%
Economics 1 (basic)	3%	34%	13%
Psychology 1 (basic)	31%	38%	13%
High School 2, District 1, California			
Art			
Photography 1 (basic)	48%	48%	65%
Drawing 1 (basic)	0%	4%	23%
Ceramics 1 (basic)	4%	0%	15%
Painting 1 (basic)	0%	0%	12%
Acting 1 (basic)	4%	0%	8%
Ceramics 2 (middle)	0%	0%	8%
Drawing and Painting 2 (middle)	0%	0%	8%
Photography 2 (middle)	15%	4%	8%
English			
English 9 (basic)	67%	78%	85%
English 10 (middle)	59%	65%	69%
English 11 (advanced)	44%	61%	54%
English 4, Honors (advanced)	0%	4%	54%
English 2 (middle)	15%	22%	38%
Foreign Language			
Spanish 1 (basic)	26%	65%	58%
Spanish 2 (middle)	11%	30%	42%
French 1 (basic)	11%	0%	19%
Spanish 3 (advanced)	0%	0%	8%
English 1 (basic)	0%	4%	4%
Personal Skills			
Physical Education (basic)	100%	100%	100%
Safety Education (basic)	37%	57%	96%
Student Assistant (basic)	48%	26%	54%
Driver Education,Theory (basic)	89%	70%	4%
Weight Training (basic)	0%	0%	4%

Table E2.8 (cont.)

	1982	1985	1988
Social Studies			
American Government (basic)	0%	74%	100%
U.S. History 1 (basic)	100%	100%	100%
World History (basic)	70%	100%	96%
Western Civilization (basic)	26%	22%	65%
Economics 1 (basic)	0%	0%	54%

High School 3, District 2, California (same as District 2 table - only 1 high school sampled in this district)

High School 4, District 3, California (same as District 3 table - only 1 high school sampled in this district)

High School 5, District 4, Florida

Art			
Drawing 1 (basic)	20%	12%	56%
Sculpture 1 (basic)	0%	4%	32%
Acting 1 (basic)	8%	4%	28%
Actors Workshop (basic)	0%	0%	12%
Beginning Band (basic)	4%	24%	8%
Dance Technique 3 (advanced)	0%	0%	8%
Theater Dance (basic)	0%	0%	8%
English			
English 9 (basic)	100%	96%	84%
English 10 (middle)	76%	76%	72%
English 12 (advanced)	68%	72%	64%
English 3 (basic)	60%	76%	60%
English 11 (middle)	0%	0%	20%
Foreign Language			
Spanish 1 (basic)	20%	28%	40%
French 1 (basic)	4%	0%	28%
Spanish 2 (middle)	12%	24%	24%
French 2 (middle)	0%	0%	20%
Spanish 3 (advanced)	0%	4%	8%
Spanish 4 (advanced)	4%	0%	8%

Table E2.8 (cont.)

	1982	1985	1988
Personal Skills			
Physical Education (basic)	96%	100%	100%
Driver Education, Theory (basic)	52%	76%	96%
Health Education 1 (basic)	16%	76%	96%
Personal Skills (basic)	28%	28%	4%
Physical Education (advanced)	0%	0%	4%
Religion Studies (basic)	0%	0%	4%
ROTC 1 (basic)	0%	0%	4%
Social Studies			
World History (basic)	28%	8%	100%
American History (basic)	100%	92%	80%
American Government (basic)	92%	8%	76%
Economics 1 (basic)	4%	0%	76%
American Government, Honors (advanced)	0%	0%	24%
Economics 2 (middle)	0%	0%	24%

High School 6, District 4, Florida

	1982	1985	1988
Art			
Acting 1 (basic)	11%	7%	27%
Concert Jazz (middle)	0%	0%	27%
Actors Workshop (basic)	0%	7%	23%
Drawing 1 (basic)	4%	26%	23%
Keyboard 1 (basic)	14%	19%	19%
English			
Communication Skills 1 (basic)	4%	11%	58%
English 9 (basic)	86%	67%	46%
English 3 (middle)	50%	41%	42%
English 12 (advanced)	46%	37%	42%
Language Arts 3 (advanced)	0%	0%	35%
Foreign Language			
Spanish 1 (basic)	11%	22%	38%
Spanish 2 (middle)	4%	4%	31%
Spanish 3 (advanced)	4%	0%	4%

Table E2.8 (cont.)

	1982	1985	1988
Personal Skills			
Health Education (basic)	7%	22%	96%
Physical Education (basic)	100%	100%	96%
Driver Education,Theory (basic)	93%	85%	88%
Leadership (basic)	0%	52%	31%
Physical Education (advanced)	0%	0%	12%
Social Studies			
World History (basic)	4%	11%	92%
American History (basic)	82%	70%	73%
American Government (basic)	93%	15%	69%
Economics 1 (basic)	0%	0%	65%
American Government, Honors (advanced)	0%	0%	23%
Economics 2 (middle)	0%	0%	23%

High School 7, District 5, Florida

	1982	1985	1988
Art			
Drum and Bugle (basic)	0%	0%	44%
Chorus 2 (middle)	0%	0%	24%
Chorus 1 (basic)	0%	0%	16%
Concert Band (basic)	32%	44%	16%
Band 4 (advanced)	0%	0%	4%
Drawing 1 (basic)	0%	0%	4%
Symphonic Band (advanced)	0%	0%	4%
English			
English 12 (advanced)	32%	72%	100%
English 11 (advanced)	92%	96%	88%
English 10 (middle)	96%	92%	64%
English 9 (basic)	0%	76%	56%
Basic English (basic)	100%	24%	48%
Foreign Language			
Spanish 1 (basic)	0%	32%	68%
Spanish 2 (middle)	0%	0%	44%
Latin 1 (basic)	0%	0%	4%

Table E2.8 (cont.)

	1982	1985	1988
Personal Skills			
Health 2 (middle)	0%	0%	100%
Physical Education (basic)	100%	100%	100%
ROTC 1 (basic)	64%	40%	88%
Team Sports 2 (middle)	0%	0%	64%
Team Sports 1 (basic)	0%	0%	56%
Social Studies			
American Government (basic)	96%	100%	100%
World History (basic)	28%	92%	96%
Civics (basic)	0%	4%	92%
American History (basic)	100%	96%	84%
Economics 2 (middle)	0%	0%	84%

High School 8, District 5, Florida

	1982	1985	1988
Art			
Modern Dance 9 (basic)	0%	0%	96%
Chorus 1 (basic)	0%	20%	16%
Concert Band (basic)	20%	36%	12%
Drum and Bugle (basic)	16%	0%	12%
Symphonic Band (advanced)	0%	8%	8%
English			
English 11 (advanced)	80%	40%	96%
English 12 (advanced)	60%	0%	88%
English 10 (middle)	84%	28%	76%
English 9 (basic)	0%	24%	60%
Basic English (basic)	100%	84%	52%
Foreign Language			
Spanish 1 (basic)	12%	12%	64%
Spanish 2 (middle)	0%	0%	36%
Personal Skills			
Health 2 (middle)	28%	8%	100%
Physical Education (basic)	100%	100%	100%
Team Sports 1 (basic)	0%	0%	36%
ROTC 1 (basic)	36%	64%	32%
Team Sports 2 (middle)	0%	0%	28%

Table E2.8 (cont.)

	1982	1985	1988
Social Studies			
American Government (basic)	92%	100%	96%
Civics (basic)	0%	12%	96%
Economics 2 (middle)	0%	0%	96%
American History (basic)	92%	96%	92%
World History (basic)	60%	80%	92%
High School 9, District 6, Missouri			
Art			
Art 9 (basic)	35%	48%	60%
Vocal Ensemble (basic)	13%	16%	28%
Photography 1 (basic)	17%	16%	24%
Chorus 1 (basic)	17%	12%	16%
Marching Band (middle)	0%	0%	12%
English			
English 9 (basic)	96%	60%	84%
English 10 (middle)	87%	80%	84%
American Literature (basic)	22%	60%	64%
Journal Helper (basic)	4%	52%	36%
Reading Development 1 (basic)	43%	20%	32%
Foreign Language			
Spanish 1 (basic)	22%	24%	32%
French 1 (basic)	13%	16%	16%
Spanish 2 (middle)	9%	4%	16%
French 2 (middle)	9%	8%	8%
German 1 (basic)	0%	8%	8%
Personal Skills			
Health Education 1 (basic)	4%	8%	100%
Physical Education (basic)	100%	100%	100%
Personal Skills (basic)	13%	44%	20%
Health 2 (middle)	0%	0%	12%
Adaptive Education (basic)	0%	0%	4%
Driver Education,Theory (basic)	61%	48%	4%
Physical Education (advanced)	26%	12%	4%

Table E2.8 (cont.)

	1982	1985	1988
Social Studies			
American History (basic)	78%	76%	100%
World Geography (basic)	9%	8%	88%
Early World History (basic)	4%	16%	80%
U.S. History (middle)	48%	24%	80%
World History (basic)	0%	12%	76%
High School 10, District 6, Missouri			
Art			
Art 9 (basic)	48%	38%	41%
Photography 1 (basic)	24%	23%	26%
Music Appreciation (basic)	8%	8%	22%
Beginning Band (basic)	24%	8%	15%
Chorus 1 (basic)	28%	12%	15%
Marching Band (middle)	0%	4%	15%
Vocal Ensemble (basic)	12%	27%	15%
English			
English 9 (basic)	96%	96%	93%
English 10 (middle)	96%	73%	93%
American Literature (basic)	0%	54%	63%
Journal Helper (basic)	44%	38%	48%
Literature Classics (basic)	52%	31%	26%
Speed Reading (basic)	0%	35%	26%
Foreign Language			
Spanish 1 (basic)	28%	19%	44%
French 1 (basic)	8%	12%	30%
Spanish 2 (middle)	20%	8%	22%
French 2 (middle)	8%	8%	19%
Spanish 3 (advanced)	4%	4%	11%
Personal Skills			
Health Education 1 (basic)	0%	8%	96%
Physical Education (basic)	100%	100%	93%
Physical Education (advanced)	0%	0%	22%
Adaptive Education (basic)	0%	0%	7%
Personal Skills (basic)	12%	23%	4%

Table E2.8 (cont.)

Social Studies	1982	1985	1988
U.S. History 2 (middle)	92%	77%	93%
World History (basic)	8%	19%	93%
American History (basic)	92%	92%	89%
Early World History (basic)	0%	8%	85%
World Geography (basic)	4%	0%	85%
Psychology 1 (basic)	20%	38%	22%
Sociology (basic)	16%	23%	22%

High School 11, District 7, Missouri

Art	1982	1985	1988
Crafts 9 (basic)	39%	44%	72%
Art 9 (basic)	43%	52%	56%
Photography 1 (basic)	36%	24%	28%
Chorus 1 (basic)	25%	24%	20%
Photography 2 (middle)	4%	0%	16%

English	1982	1985	1988
English 10 (middle)	89%	68%	96%
English 11 (advanced)	64%	88%	96%
English 12 (advanced)	0%	4%	64%
English 9 (basic)	96%	24%	60%
English 10,Reading (middle)	0%	20%	36%

Foreign Language	1982	1985	1988
Spanish 1 (basic)	-21%	21%	0%

Personal Skills	1982	1985	1988
Physical Education (basic)	100%	92%	100%
Health Education 1 (basic)	11%	12%	20%
ROTC 1 (basic)	11%	20%	16%
ROTC 2 (middle)	4%	12%	12%
ROTC 3 (advanced)	4%	4%	4%
ROTC 4 (advanced)	0%	0%	4%

Social Studies	1982	1985	1988
American History (basic)	57%	100%	96%
Citizenship (basic)	18%	60%	80%
World History (basic)	71%	56%	60%
Juvenile Justice (basic)	29%	28%	36%
Civics (basic)	86%	28%	28%

Table E2.8 (cont.)

	1982	1985	1988
High School 12, District 7, Missouri			
Art			
Art 9 (basic)	63%	68%	44%
Chorus 1 (basic)	30%	25%	32%
Concert Band (basic)	4%	0%	12%
Acting 1 (basic)	4%	21%	4%
Art 10 (middle)	0%	0%	4%
Ceramics 1 (basic)	0%	0%	4%
Drawing (basic)	11%	18%	4%
Music History (basic)	0%	0%	4%
Vocal Ensemble (basic)	4%	0%	4%
English			
English 9 (basic)	100%	86%	100%
English 10 (middle)	96%	93%	96%
English 11 (advanced)	96%	86%	84%
English 12 (advanced)	4%	36%	72%
Speech (basic)	33%	32%	32%
Foreign Language			
Spanish 1 (basic)	15%	11%	28%
Spanish 2 (middle)	7%	14%	12%
French 1 (basic)	11%	14%	4%
Personal Skills			
Physical Education (basic)	100%	100%	96%
ROTC 1 (basic)	37%	25%	36%
Health Education 1 (basic)	11%	11%	24%
ROTC 2 (middle)	26%	14%	20%
ROTC 3 (advanced)	19%	7%	20%
Social Studies			
American History (basic)	96%	96%	96%
Citizenship (basic)	96%	96%	88%
World History (basic)	78%	71%	80%
Psychology 1 (basic)	19%	21%	36%
Afro-American History (basic)	26%	18%	28%

Table E2.8 (cont.)

	1982	1985	1988
High School 13, District 8, Missouri			
Art			
Chorus 1 (basic)	28%	20%	32%
Acting 1 (basic)	0%	12%	24%
Art, Inside Work Experience (basic)	12%	16%	24%
Beginning Band (basic)	16%	12%	24%
Art 9 (basic)	20%	12%	20%
English			
English 9 (basic)	96%	100%	80%
English 11 (advanced)	36%	24%	80%
English 10 (middle)	52%	44%	68%
English 12 (advanced)	52%	44%	60%
English 4,Honors (advanced)	24%	48%	40%
Foreign Language			
Spanish 1 (basic)	24%	24%	48%
French 1 (basic)	16%	36%	40%
Spanish 2 (middle)	8%	8%	28%
French 2 (middle)	12%	20%	24%
French 3 (advanced)	0%	0%	8%
Personal Skills			
Health Education 1 (basic)	88%	96%	100%
Physical Education (basic)	88%	96%	92%
Yearbook (basic)	12%	12%	8%
Social Studies			
Citizenship (basic)	8%	36%	100%
American Government (basic)	8%	12%	92%
U.S. History 2 (middle)	0%	8%	88%
World History (basic)	40%	56%	68%
Social Studies,Intro. (basic)	96%	80%	32%
World History, Honors (advanced)	0%	4%	32%

Table E2.8 (cont.)

	1982	1985	1988
High School 14, District 8, Pennsylvania			
Art			
Acting 1 (basic)	0%	0%	35%
Art 9 (basic)	24%	29%	31%
Art Services (basic)	8%	29%	31%
Ceramics 1 (basic)	0%	33%	27%
Beginning Band (basic)	12%	0%	15%
English			
Literature (basic)	0%	90%	96%
English 10 (middle)	92%	71%	92%
English 12 (advanced)	96%	114%	92%
English 9 (basic)	96%	148%	81%
English 11 (middle)	80%	119%	77%
Foreign Language			
Spanish 1 (basic)	12%	38%	54%
Spanish 2 (middle)	8%	14%	38%
Spanish 3 (advanced)	0%	10%	35%
Spanish 4 (advanced)	0%	0%	19%
French 1 (basic)	12%	29%	12%
Personal Skills			
Health Education 1 (basic)	100%	148%	100%
Physical Education (basic)	92%	148%	100%
Basic Skills (basic)	0%	0%	12%
Driver Education, Theory (basic)	0%	0%	12%
Yearbook (basic)	0%	14%	4%
Social Studies			
Citizenship (basic)	60%	105%	100%
American Government (basic)	80%	148%	96%
U.S. History 2 (middle)	4%	0%	96%
World History (basic)	92%	43%	92%
Social Studies,Intro. (basic)	44%	110%	50%

Table E2.8 (cont.)

	1982	1985	1988
High School 15, District 9, Pennsylvania			
Art			
General Art (basic)	52%	39%	48%
Music 3 (advanced)	28%	32%	30%
Music History (basic)	16%	18%	13%
Acting 1 (basic)	0%	0%	4%
Chorus 1 (basic)	4%	0%	4%
Music Appreciation (basic)	0%	4%	4%
Music Theory 1 (basic)	4%	0%	4%
English			
English 9 (basic)	56%	82%	70%
English 10 (middle)	64%	71%	61%
Reading Development (basic)	68%	79%	57%
English 11 (advanced)	44%	46%	52%
English 12 (advanced)	52%	43%	48%
Foreign Language			
Spanish 1 (basic)	12%	29%	48%
Spanish 2 (middle)	16%	14%	35%
French 1 (basic)	20%	7%	13%
F. Language, Exploratory (basic)	100%	93%	4%
French 2 (middle)	20%	0%	4%
French 3 (advanced)	0%	0%	4%
French 4 (advanced)	0%	0%	4%
Spanish 3 (advanced)	8%	4%	4%
Personal Skills			
Physical Education (basic)	76%	93%	100%
Health Education 1 (basic)	72%	93%	91%
Health 2 (middle)	68%	71%	39%
Religion Studies (basic)	4%	4%	9%
Speedwriting (basic)	0%	0%	4%
Study Skills 1 (basic)	0%	0%	4%
Tutorial (basic)	0%	0%	4%
Social Studies			
American History (basic)	88%	93%	96%
World History (basic)	76%	93%	91%
Social Studies, Intro. (basic)	100%	71%	74%
Social Studies, Honors (adv.)	0%	7%	22%
Humanities (basic)	12%	0%	13%

Table E2.8 (cont.)

	1982	1985	1988
High School 16, District 9, Pennsylvania			
Art			
General Art (basic)	42%	16%	56%
Music History (basic)	54%	12%	20%
Music Appreciation (basic)	4%	0%	8%
Vocal Ensemble (basic)	8%	0%	8%
Art Music (basic)	0%	0%	4%
Crafts 9 (basic)	0%	0%	4%
Music 2 (middle)	4%	0%	4%
Music 3 (advanced)	4%	0%	4%
Visual Communication 1 (basic)	4%	4%	4%
English			
English 11 (advanced)	71%	76%	72%
English 9 (basic)	88%	68%	68%
English 10 (middle)	88%	72%	64%
Reading Development (basic)	79%	72%	56%
Basic English (basic)	0%	20%	44%
Foreign Language			
Spanish 1 (basic)	21%	28%	36%
French 1 (basic)	4%	8%	16%
French 2 (middle)	0%	4%	12%
Spanish 2 (middle)	13%	20%	12%
French 3 (advanced)	0%	4%	4%
Personal Skills			
Physical Education (basic)	100%	96%	100%
Health Education 1 (basic)	100%	96%	96%
ROTC 1 (basic)	0%	16%	28%
Health 2 (middle)	8%	4%	8%
Health 3 (advanced)	4%	4%	8%
Social Studies			
American History (basic)	96%	96%	96%
Social Studies, Intro. (basic)	92%	92%	96%
World History (basic)	46%	52%	76%
Psychology 1 (basic)	4%	4%	8%
Street Law (basic)	0%	4%	8%
World History,Honors (advanced)	0%	0%	8%

TABLE E3.1

Math, Science and Vocational Courses which increased or decreased in student enrollment by 10 percent or more (in descending order)

Total Sample	Percent Change 1982-88	Percent Enrollment 1982	1988
Math			
Pre-Algebra (middle)	15%	18%	33%
Computer Literacy (middle)	12%	3%	15%
Geometry (advanced)	11%	26%	37%
Algebra I (advanced)	10%	56%	66%
General Math I (basic)	-12%	39%	27%
Basic Math (basic)	-18%	30%	12%
Science			
Fundamental Physical Science (basic)	30%	12%	42%
Earth Science (basic)	14%	15%	29%
Chemistry I (middle)	13%	16%	29%
Vocational			
Computer Programming I (basic)	15%	6%	21%

TABLE E3.2

Art, English, Foreign Language, Personal Skills, and Social Studies Courses which increased or decreased in student enrollment by 10 percent or more

	Percent Change	Percent Enrollment	
Total Sample	1982-88	1982	1988
Art			
No art courses increased or decreased in student enrollment by 10% or more.			
English			
English 11 (advanced)	12%	41%	53%
Reading Development 1 (basic)	-13%	25%	12%
Foreign Language			
Spanish 1 (basic)	24%	22%	46%
Spanish 2 (middle)	16%	10%	26%
F. Language, Exploratory (basic)	-16%	16%	0%
Personal Skills			
Health Education 1 (basic)	26%	25%	51%
Student Assistant (basic)	-12%	23%	11%
Driver Education,Classroom (basic)	-13%	37%	24%
Social Studies			
World History (basic)	37%	50%	87%
Intro. to Ecology (basic)	18%	3%	21%
Basic American Government (basic)	14%	28%	42%
Economics 2 (middle)	14%	0%	14%
American Govt. and Economics (basic)	12%	5%	17%
Early World History (basic)	11%	0%	11%
Citizenship (basic)	10%	14%	24%
U.S. History 1 (basic)	-13%	39%	26%
Intro. to Social Studies (basic)	-20%	38%	18%

TABLE E3.3

Math, Science and Vocational Courses which increased or decreased in student enrollment by 10 percent or more (in descending order)

By State	Percent Change 1982-88	Percent Enrollment 1982	1988
California			
Math			
Pre-Algebra (middle)	34%	24%	58%
Computer Literacy (middle)	27%	0%	27%
Consumer Math II (middle)	11%	1%	12%
General Math II (basic)	-10%	16%	6%
General Math I (basic)	-21%	49%	28%
Science			
Fundamental Physical Science (basic)	27%	10%	37%
Basic Biology (basic)	21%	24%	45%
Anatomy and Physiology (advanced)	15%	6%	21%
Introduction to Science (basic)	15%	47%	62%
Chemistry I (middle)	14%	16%	30%
Vocational			
Auto I (basic)	10%	15%	25%
Career Planning (basic)	10%	7%	17%
Graphic Design (basic)	10%	2%	12%
Florida			
Math			
Analytical Geometry (advanced)	23%	4%	27%
Geometry (advanced)	11%	22%	33%
Trigonometry-Advanced Math (advanced)	11%	8%	19%
Basic Skills Math (basic)	-13%	43%	30%
General Math II (basic)	-16%	34%	18%

Table E3.3 (cont.)

	1982-88	1982	1988
Science			
Fundamental Physical Science (basic)	28%	21%	49%
Earth Science (basic)	25%	11%	36%
Advanced Placement Biology (advanced)	11%	6%	17%
Vocational			
Computer Programming I (basic)	27%	6%	33%
Basic Business I (basic)	16%	4%	20%
Computer Applications (middle)	15%	0%	15%
Introduction to Foods (basic)	10%	12%	22%
Career Exploration (basic)	10%	6%	16%
Typing II (middle)	-12%	16%	4%
Typing I (basic)	-19%	57%	38%
Business Education (basic)	-20%	32%	12%
Missouri			
Math			
Pre-Algebra (middle)	24%	17%	41%
Algebra I (advanced)	17%	57%	74%
Computer Literacy (middle)	13%	10%	23%
Geometry (advanced)	11%	40%	51%
Consumer Math (middle)	-14%	38%	24%
Basic Math (basic)	-24%	39%	15%
Science			
Fundamental Physical Science (basic)	39%	16%	55%
General Biology (middle)	14%	25%	39%
Chemistry I (middle)	13%	13%	26%
Introduction to Science (basic)	-10%	56%	46%
Vocational			
Parenting (basic)	14%	9%	23%
Introduction to Foods (basic)	10%	23%	33%
Foods II (middle)	10%	5%	15%
Independent Living (basic)	-12%	17%	5%

Table E3.3 (cont.)

	1982-88	1982	1988
Pennsylvania			
Math			
Algebra I (advanced)	23%	47%	70%
Consumer Math (middle)	16%	4%	20%
Geometry (advanced)	16%	21%	37%
General Math I (basic)	-17%	63%	46%
Basic Math (basic)	-40%	52%	12%
Science			
Fundamental Physical Science (basic)	27%	1%	28%
Earth Science (basic)	20%	32%	52%
Chemistry I (middle)	11%	18%	29%
Introduction to Science (basic)	-12%	32%	20%
Vocational			
Computer Programming I (basic)	29%	2%	31%
Career Exploration (basic)	27%	2%	29%
Business Law (basic)	12%	2%	14%
Child Care (basic)	12%	0%	12%
Typing I (basic)	11%	56%	67%
Basic Business I (basic)	10%	12%	22%
Typing II (basic)	10%	8%	18%
Introduction to Foods (basic)	-10%	11%	1%
Bookkeeping I (basic)	-15%	17%	2%

TABLE E3.4

Art, English, Foreign Language, Personal Skills, and Social Studies Courses which increased or decreased in student enrollment by 10 percent or more

By State	Percent Change 1982-88	Percent Enrollment 1982	1988
California			
Art			
Drawing (basic)	13%	6%	19%
Photography 1 (basic)	12%	25%	37%
Chorus 2 (middle)	10%	0%	10%
English			
Basic English (basic)	27%	11%	38%
English 10 (middle)	17%	33%	50%
English 11 (advanced)	14%	26%	40%
Novels (basic)	12%	0%	12%
English 2, Honors (middle)	10%	2%	12%
Plays, Modern Survey (basic)	10%	10%	20%
English 4, Basic (advanced)	-11%	14%	3%
English 3, Basic (middle)	-12%	12%	0%
English 12 (advanced)	-15%	37%	22%
Foreign Language			
Foreign Language, Exploratory (basic)	-16%	17%	1%
Personal Skills			

No personal skills courses increased or decreased in student enrollment by 10% or more.

Table E3.4 (cont.)

	1982-88	1982	1988
Social Studies			
Basic American Government (basic)	57%	21%	78%
American Government (basic)	19%	0%	19%
World Geography (basic)	15%	6%	21%
Social Science 10 (basic)	13%	0%	13%
Anthropology (basic)	-16%	28%	12%
Intro. to Social Studies (basic)	-21%	25%	4%
American Political Systems (basic)	-25%	28%	3%
Local Govternment State (basic)	-26%	28%	2%
Florida			
Art			
Modern Dance 9 (basic)	24%	0%	24%
Drawing (basic)	15%	6%	21%
Chorus 1 (basic)	11%	0%	11%
English			
Communication Skills 1 (basic)	22%	1%	23%
English 12 (advanced)	22%	51%	73%
English 11 (advanced)	16%	42%	58%
English 9 (basic)	13%	48%	61%
English 2 (middle)	11%	0%	11%
Reading Development 1 (basic)	-10%	10%	0%
Communication Skills 2 (middle)	-15%	17%	2%
Language Arts 1 (basic)	-18%	23%	5%
Remedial English (basic)	-18%	18%	0%
English 10 (middle)	-22%	78%	56%
Basic English (basic)	-25%	50%	25%
Foreign Language			
Spanish 2 (middle)	30%	4%	34%

Table E3.4 (cont.)

	1982-88	1982	1988
Personal Skills			
Health Education 1 (basic)	43%	6%	49%
Health 2 (middle)	36%	14%	50%
Team Sports 1 (basic)	23%	0%	23%
Team Sports 2 (middle)	23%	0%	23%
Weight Training (basic)	17%	0%	17%
Student Assistant (basic)	-33%	33%	0%
Social Studies			
World History (basic)	66%	29%	95%
Economics 2 (middle)	56%	0%	56%
Civics (basic)	49%	1%	50%
Intro. to Economics (basic)	38%	1%	39%
American Government,Honors(advanced)	12%	0%	12%
American History (basic)	-11%	93%	82%
U.S. History 1 (basic)	-11%	13%	2%
Social Studies (basic)	-18%	18%	0%
Political Economic Systems (basic)	-20%	20%	0%
U.S. History 2 (middle)	-25%	26%	1%
World Geography (basic)	-42%	43%	1%
Missouri			
Art			
Beginning Band (basic)	-10%	16%	6%
Photography 1 (basic)	-11%	31%	20%
English			
American Literature (basic)	32%	5%	37%
English 12 (advanced)	32%	1%	33%
Journal Helper (basic)	10%	12%	22%
English 9 (basic)	-13%	97%	84%
Language Arts 1 (basic)	-14%	25%	11%

Table E3.4 (cont.)

	1982-88	1982	1988
Foreign Language			
No foreign language courses increased or decreased in student enrollment by 10% or more.			
Personal Skills			
Health Education 1 (basic)	54%	7%	61%
Driver Education,Theory (basic)	-28%	29%	1%
Social Studies			
Early World History (basic)	41%	1%	42%
World Geography (basic)	37%	9%	46%
World History (basic)	35%	42%	77%
American History (basic)	14%	81%	95%
Citizenship (basic)	13%	31%	44%
U.S. History 2 (middle)	10%	35%	45%
Sociology (basic)	-10%	17%	7%
Civics (basic)	-15%	26%	11%
American People (basic)	-16%	16%	0%
Modern European History (basic)	-16%	16%	0%
Latin American Studies (basic)	-17%	17%	0%
Russian Studies (basic)	-18%	18%	0%
Western Civilization (basic)	-18%	20%	2%
Intro. to Social Studies (basic)	-43%	49%	6%
Pennsylvania			
Art			
No art courses increased or decreased in student enrollment by 10% or more.			
English			
Literature (basic)	26%	0%	26%
English 11 (advanced)	13%	58%	71%
English 4, Honors (advanced)	11%	7%	18%
English 12 (advanced)	-10%	70%	60%
Reading Development 1 (basic)	-10%	37%	27%

Table E3.4 (cont.)

	1982-88	1982	1988
Foreign Language			
Spanish 1 (basic)	29%	17%	46%
Spanish 2 (middle)	17%	11%	28%
Foreign Language, Exploratory (basic)	-46%	47%	1%

Personal Skills

No personal skills courses increased or decreased in student enrollment by 10% or more.

	1982-88	1982	1988
Social Studies			
U.S. History 2 (middle)	46%	1%	47%
Citizenship (basic)	35%	17%	52%
American Government (basic)	26%	22%	48%
World History (basic)	18%	64%	82%
World Geography (basic)	12%	0%	12%
Social Science 10 (basic)	-10%	10%	0%
Intro. to Social Studies (basic)	-20%	83%	63%
U.S. History 1 (basic)	-23%	23%	0%

TABLE E3.5

Math, Science and Vocational Courses which increased or decreased in student enrollment by 10 percent or more from 1982-88 (in descending order)

	Percent Change	Percent Enrollment	
By District	1982-88	1982	1988
District 1, California			
Math			
Pre-Algebra (middle)	72%	8%	80%
Geometry (advanced)	19%	19%	38%
Computer Literacy (middle)	18%	0%	18%
Consumer Math (middle)	11%	43%	54%
Algebra II (advanced)	10%	6%	16%
Algebra I (advanced)	-11%	63%	52%
Advanced Algebra Honors (advanced)	-11%	11%	0%
General Math II (basic)	-32%	32%	0%
Science			
Anatomy and Physiology (advanced)	22%	2%	24%
General Biology (middle)	19%	38%	57%
Chemistry 1 (middle)	18%	2%	20%
Intro to Science (basic)	14%	82%	96%
Vocational			
Business Communication (basic)	22%	2%	24%
Career Planning (basic)	21%	15%	36%
Graphic Design 1 (basic)	21%	3%	24%
Auto 1 (basic)	16%	14%	30%
Word Processing (basic)	12%	0%	12%
Advanced Typing (middle)	10%	2%	12%
Basic Home Economics (basic)	-12%	14%	2%
Beginning Shop (basic)	-13%	15%	2%
General Work Experience (basic)	-20%	34%	14%

Table E3.5 (cont.)

	1982-88	1982	1988
District 2, California			
Math			
Computer Literacy (middle)	48%	0%	48%
Consumer Math II (middle)	42%	0%	42%
Basic Skills Math (basic)	23%	6%	29%
Algebra I (advanced)	16%	78%	94%
Advanced Algebra (advanced)	-11%	14%	3%
Algebra III (advanced)	-11%	14%	3%
Algebra II (advanced)	-12%	22%	10%
Geometry (advanced)	-15%	44%	29%
Basic Math (basic)	-17%	17%	0%
Science			
Fundamental Physical Science (basic)	76%	11%	87%
Basic Biology (basic)	19%	20%	39%
Planet Earth (advanced)	13%	6%	19%
Botany (advanced)	10%	0%	10%
Microbiology (advanced)	10%	0%	10%
Anatomy and Physiology (adv.)	10%	0%	10%
Intro. to Science (basic)	-16%	26%	10%
Vocational			
Basic Business 1 (basic)	23%	6%	29%
Advanced Auto 2 (middle)	23%	3%	26%
Farm Mechanics (basic)	19%	0%	19%
Advanced Typing (middle)	19%	0%	19%
Computer Application 1 (basic)	16%	0%	16%
Architectural Drawing 1 (basic)	16%	19%	35%
Typing 1 (basic)	12%	53%	65%
Family Relations (basic)	11%	44%	55%
Intro. to Ag. Mechanics (basic)	10%	3%	13%
Landscaping (basic)	10%	0%	10%
Woodworking 2 (middle)	10%	0%	10%
Record Keeping (basic)	-12%	28%	16%
Metals 1 (basic)	-14%	14%	0%
Welding 1 (basic)	-14%	17%	3%

Table E3.5 (cont.)

	1982-88	1982	1988
District 3, California			
Math			
General Math III (middle)	36%	0%	36%
Advanced Algebra-Trig (advanced)	33%	11%	44%
General Math II (basic)	24%	0%	24%
Computer Literacy (middle)	20%	0%	20%
Advanced Algebra (advanced)	16%	36%	52%
Algebra 3 (advanced)	16%	36%	52%
Algebra 4 (advanced)	16%	36%	52%
General Math I (basic)	-85%	89%	4%
Science			
Basic Biology (basic)	60%	36%	96%
Intro. to Science (basic)	56%	4%	60%
Chemistry 1 (middle)	22%	50%	72%
General Biology (middle)	-60%	68%	8%
Vocational			
Electric Assembly (basic)	21%	7%	28%
General Work Experience (basic)	16%	32%	48%
Business Computer 1 (basic)	12%	0%	12%
Woods 1 (basic)	-10%	18%	8%
Data Processing 3 (advanced)	-11%	11%	0%
General Work Experience (basic)	-14%	14%	0%
Building Construction 1 (basic)	-18%	18%	0%
Advanced Typing (middle)	-18%	18%	0%
Basic Business 1 (basic)	-21%	61%	40%
Drafting 1 (basic)	-21%	29%	8%
Marketing and Dist. 1 (basic)	-25%	25%	0%
Health Service Occupation (basic)	-32%	36%	4%
Typing 1 (basic)	-35%	75%	40%

Table E3.5 (cont.)

	1982-88	1982	1988
District 4, Florida			
Math			
Analytic Geometry (advanced)	19%	8%	27%
General Math III (middle)	18%	0%	18%
Advanced Algebra (advanced)	12%	8%	20%
Geometry (advanced)	12%	21%	33%
Trig-Advanced Math (advanced)	10%	0%	10%
Consumer Math (middle)	-13%	23%	10%
Vocational Math (middle)	-14%	26%	12%
General Math I (basic)	-16%	28%	12%
Basic Skills Math (basic)	-16%	38%	22%
General Math II (basic)	-30%	36%	6%
Science			
Earth Science (basic)	27%	12%	39%
Fund. Physical Science (basic)	22%	0%	22%
Intro. to Science (basic)	13%	48%	61%
Biology 2 (advanced)	12%	12%	24%
Physics 1, Honors (advanced)	-10%	12%	2%
Vocational			
Career Exploration (basic)	31%	0%	31%
Computer Programming 1 (basic)	15%	12%	27%
Fundamental Business (basic)	14%	6%	20%
Office Practice 1 (basic)	12%	17%	29%
Food Production (basic)	10%	4%	14%
Horticulture 1 (basic)	-10%	10%	0%
Auto 1 (basic)	-10%	10%	0%
Basic Home Economics (basic)	-11%	35%	24%
Graphic Design 1 (basic)	-11%	23%	12%
Typing 1 (basic)	-13%	52%	39%
Advanced Typing (middle)	-21%	23%	2%
Business Education (basic)	-22%	46%	24%

Table E3.5 (cont.)

	1982-88	1982	1988
District 5, Florida			
Math			
Analytic Geometry (advanced)	26%	0%	26%
Algebra II (advanced)	18%	24%	42%
Pre-Algebra (middle)	14%	0%	14%
Trig-Advanced Math (advanced)	12%	16%	28%
Computer Math (middle)	10%	0%	10%
Basic Skills Math (basic)	-10%	48%	38%
Basic Math (basic)	-12%	26%	14%
Science			
Fund. Physical Science (basic)	34%	42%	76%
Earth Science (basic)	22%	10%	32%
Chemistry 1 (middle)	14%	22%	36%
Biology 2 (advanced)	10%	0%	10%
Intro. to Science (basic)	-12%	78%	66%
Vocational			
Computer Programming 1 (basic)	39%	0%	39%
Basic Business 1 (basic)	34%	7%	41%
Computer Applications (middle)	24%	0%	24%
Intro. to Foods (basic)	21%	18%	39%
Agricultural Sciences (basic)	18%	0%	18%
Child Development (basic)	16%	0%	16%
Clothing and Textiles 2 (middle)	16%	0%	16%
Home Furnishings (basic)	14%	2%	16%
Child Development 2 (middle)	14%	0%	14%
Intro. to Ag. Mechanics (basic)	12%	0%	12%
Agriculture Production 1 (basic)	12%	0%	12%
Auto Office 2 (middle)	10%	2%	12%
Library Skills (basic)	-11%	11%	0%
Career Exploration (basic)	-14%	14%	0%
Business Education (basic)	-16%	16%	0%
Typing 1 (basic)	-29%	66%	37%

Table E3.5 (cont.)

	1982-88	1982	1988
District 6, Missouri			
Math			
Computer Literacy (middle)	25%	19%	44%
Geometry (advanced)	15%	50%	65%
Algebra II (advanced)	13%	33%	46%
Analytic Geometry (advanced)	10%	0%	10%
Basic Math (basic)	-21%	33%	12%
Consumer Math (middle)	-29%	29%	0%
Science			
Fundamental Physical Science (basic)	37%	26%	63%
General Biology (middle)	22%	55%	77%
Chemistry 1 (middle)	18%	19%	37%
Microbiology (advanced)	14%	9%	23%
Anatomy and Physiology (adv.)	13%	2%	15%
Vocational			
Parenting (basic)	25%	19%	44%
Accounting 1 (basic)	13%	35%	48%
Accounting 2 (middle)	12%	0%	12%
Foods 2 (middle)	11%	8%	19%
Graphic Design 1 (basic)	-10%	10%	0%
Beginning Shop (basic)	-11%	15%	4%
Single Living (basic)	-15%	15%	0%
District 7, Missouri			
Math			
Pre-Algebra (middle)	38%	2%	40%
Algebra I (advanced)	24%	40%	64%
Basic Math (basic)	-26%	44%	18%

Table E3.5 (cont.)

	1982-88	1982	1988
Science			
Fund. Physical Science (basic)	39%	7%	46%
Earth Science (basic)	17%	33%	50%
Basic Biology (basic)	15%	47%	62%
Biology 2 (advanced)	11%	9%	20%
Environmental Science (adv.)	10%	0%	10%
Intro. to Science (basic)	-15%	69%	54%
Vocational			
Electric Assembly (basic)	14%	16%	30%
Graphic Design 1 (basic)	14%	0%	14%
Computer Programming 1 (basic)	11%	11%	22%
Intro. to Foods (basic)	10%	18%	28%
Business Communication (basic)	-11%	11%	0%
Basic Home Economics (basic)	-12%	36%	24%
Beginning Shorthand (basic)	-14%	18%	4%
Home Furnishings (basic)	-15%	15%	0%
District 8, Pennsylvania			
Math			
Consumer Math (middle)	33%	6%	39%
Algebra I (advanced)	27%	42%	69%
Geometry (advanced)	21%	20%	41%
General Math II (basic)	17%	30%	47%
Algebra-Trig (advanced)	14%	2%	16%
General Math I (basic)	-13%	62%	49%
Basic Math (basic)	-20%	20%	0%
Science			
Environmental Science (advanced)	19%	24%	43%
Chemistry 1 (middle)	15%	18%	33%
Intro. to Science (basic)	-50%	50%	0%
Earth Science (basic)	-52%	52%	100%

Table E3.5 (cont.)

	1982-88	1982	1988
Vocational			
Computer Programming 1 (basic)	55%	4%	59%
Career Exploration (basic)	45%	0%	45%
Basic Business 1 (basic)	25%	6%	31%
Child Care Lab (basic)	24%	0%	24%
Business Law (basic)	20%	2%	22%
Basic Home Economics (basic)	19%	30%	49%
Accounting 1 (basic)	15%	9%	24%
Advanced Programming (middle)	14%	0%	14%
Mechanics Shop 1 (basic)	12%	4%	16%
Advanced Typing (middle)	12%	6%	18%
Woodworking 2 (middle)	10%	2%	12%
Beginning Shop (basic)	-15%	15%	0%
Bookkeeping 1 (basic)	-21%	21%	0%
District 9, Pennsylvania			
Math			
Algebra I (advanced)	18%	53%	71%
Geometry (advanced)	11%	22%	33%
Math Tutoring (basic)	-14%	35%	21%
General Math I (basic)	-19%	63%	44%
General Math II (basic)	-19%	67%	48%
Basic Math (basic)	-59%	84%	25%
Science			
Fundamental Physical Science (basic)	56%	2%	58%
Intro. to Science (basic)	34%	8%	42%
Chemistry 1 (middle)	11%	14%	25%
Basic Biology (basic)	-10%	33%	23%

Table E3.5 (cont.)

	1982-88	1982	1988
Vocational			
Office Practice 1 (basic)	19%	17%	36%
Typing (basic)	17%	4%	21%
Business Communication (basic)	15%	4%	19%
General Work Experience (basic)	15%	17%	32%
Typing 1 (basic)	14%	52%	66%
Basic Home Economics (basic)	-12%	27%	15%
Intro. to Foods (basic)	-13%	15%	2%
Consumer Education (basic)	-14%	23%	9%

TABLE E3.6

Art, English, Foreign Language, Personal Skills, and Social Studies Courses which increased or decreased in student enrollment by 10 percent or more

By District	Percent Change 1982-88	Percent Enrollment 1982	1988
District 1, California			
Art			
Drawing (basic)	23%	3%	26%
Photography 1 (basic)	16%	30%	46%
Ceramics 1 (basic)	15%	3%	18%
English			
English 9 (basic)	27%	57%	84%
English 4, Honors (advanced)	24%	6%	30%
Journal Helper (basic)	20%	2%	22%
English 10 (middle)	18%	52%	70%
English Writing 2 (middle)	16%	0%	16%
Basic English (basic)	15%	19%	34%
English 2, Basic (middle)	14%	16%	30%
Language Arts 4 (advanced)	14%	0%	14%
English 1, Honors (basic)	12%	10%	22%
Language Arts 1 (basic)	10%	6%	16%
Language Arts 3 (advanced)	10%	0%	10%
English 4, Basic (advanced)	-10%	10%	0%
Reading Development 1 (basic)	-11%	19%	8%
English 3, Basic (middle)	-24%	24%	0%
English 12 (advanced)	-48%	48%	0%
Foreign Language			
Spanish 1 (basic)	23%	33%	56%
French 1 (basic)	13%	13%	26%
Spanish 2 (middle)	13%	19%	32%

Table E3.6 (cont.)

	1982-88	1982	1988
Personal Skills			
Driver Education, Practice (basic)	-14%	14%	0%
Driver Education, Theory (basic)	-39%	41%	2%
Social Studies			
Basic American Government (basic)	85%	11%	96%
Intro. to Economics (basic)	32%	2%	34%
Social Science 10 (basic)	28%	0%	28%
Western Civilization (basic)	20%	16%	36%
World History (basic)	15%	81%	96%
Citizenship (basic)	-10%	16%	6%
Social Problems (basic)	-10%	10%	0%
Philosophy (basic)	-14%	14%	0%
Civics (basic)	-15%	19%	4%
District 2, California			
Art			
Film Appreciation (basic)	25%	14%	39%
Jewelry Design (basic)	20%	25%	45%
Photography 1 (basic)	19%	33%	52%
Advanced Jewelry Design (middle)	16%	0%	16%
Acting 1 (basic)	11%	31%	42%
Advanced Drama (middle)	10%	0%	10%
Guitar 1 (basic)	10%	0%	10%
Ceramics 1 (basic)	-17%	36%	19%
English			
Basic English (basic)	68%	6%	74%
Novels (basic)	42%	0%	42%
Frontier Literature (basic)	32%	0%	32%
Plays, Modern Survey (basic)	32%	36%	68%
Advanced Creative Writing (middle)	29%	0%	29%
Mythology (basic)	28%	33%	61%
Supernatural Literature (basic)	24%	8%	32%

Table E3.6 (cont.)

	1982-88	1982	1988
English (cont.)			
American Literature (basic)	23%	19%	42%
English Writing 1 (basic)	23%	58%	81%
Sports Literature (basic)	18%	11%	29%
Science Fiction (basic)	17%	6%	23%
Beginning Journalism (basic)	15%	8%	23%
Creative Writing (basic)	14%	31%	45%
Women in Literature (basic)	12%	11%	23%
English 4, Basic (advanced)	-23%	33%	10%
Remedial English (basic)	-27%	56%	29%
Grammar Workshop (basic)	-33%	36%	3%
Reading Development 1 (basic)	-38%	44%	6%
English 9 (basic)	-60%	83%	23%
Foreign Language			
Spanish 1 (basic)	22%	39%	61%
Spanish 2 (middle)	11%	8%	19%
French 1 (basic)	-11%	14%	3%
German 1 (basic)	-11%	14%	3%
Personal Skills			
Driver Education, Practice (basic)	94%	3%	97%
Advanced Physical Education (adv.)	35%	0%	35%
Driver Education, Theory (basic)	11%	86%	97%
Student Assistant (basic)	-11%	72%	61%
Social Studies			
Basic American Government (basic)	91%	3%	94%
Intro. to Economics (basic)	55%	0%	55%
World Geography (basic)	49%	22%	71%
Juvenile Justice (basic)	40%	8%	48%
World History (basic)	15%	69%	84%
Anthropology (basic)	14%	25%	39%
Mexican American History (basic)	-12%	22%	10%
American Political Systems (basic)	-90%	100%	10%
State/Local Government (basic)	-94%	100%	6%

Table E3.6 (cont.)

	1982-88	1982	1988
District 3, California			
Art			
Chorus 2 (middle)	36%	0%	36%
Modern Dance (advanced)	28%	4%	32%
General Art (basic)	15%	25%	40%
Chorus 1 (basic)	-10%	18%	8%
Beginning Band (basic)	-18%	18%	0%
Chorus 3 (advanced)	-18%	18%	0%
English			
English 11 (advanced)	50%	46%	96%
English 10 (middle)	40%	32%	72%
English 9 (basic)	36%	36%	72%
English 12 (advanced)	31%	61%	92%
English 2, Honors (middle)	24%	0%	24%
English Writing 1 (basic)	14%	18%	32%
English 3, Honors (advanced)	-10%	14%	4%
English 4, Honors (advanced)	-25%	25%	0%
Reading Development 1 (basic)	-60%	68%	8%
Foreign Language			
French 2 (middle)	18%	18%	36%
Spanish 2 (middle)	18%	18%	36%
Spanish 1 (basic)	16%	36%	52%
Foreign Language, Exploratory (basic)	-71%	75%	4%
Personal Skills			
Yearbook (basic)	17%	7%	24%
Student Government (basic)	12%	0%	12%
Health Education 1 (basic)	-11%	11%	0%
ROTC 2 (middle)	-13%	21%	8%
Tutorial (basic)	-21%	21%	0%

Table E3.6 (cont.)

	1982-88	1982	1988
Social Studies			
World History (basic)	86%	14%	100%
American Government & Economy (basic)	80%	0%	80%
Civics (basic)	28%	0%	28%
Social Sciences (basic)	20%	0%	20%
American Government, Honors (advanced)	-14%	14%	0%
Juvenile Justice (basic)	-18%	18%	0%
Basic American Government (basic)	-44%	68%	24%
Intro. to Social Science (basic)	-85%	89%	4%
Anthropology (basic)	-92%	96%	4%
District 4, Florida			
Art			
Drawing (basic)	28%	11%	39%
Acting 1 (basic)	18%	9%	27%
Actors Workshop (basic)	18%	0%	18%
Sculpture (basic)	16%	0%	16%
Concert Jazz (middle)	14%	0%	14%
English			
Communication Skills 1 (basic)	35%	2%	37%
English 11 (advanced)	25%	0%	25%
English 2, Honors (middle)	22%	0%	22%
Language Arts 3 (advanced)	18%	0%	18%
English 4, Honors (advanced)	16%	0%	16%
Language Arts 4 (advanced)	14%	0%	14%
Language Arts 2 (middle)	10%	0%	10%
English 10 (middle)	-23%	66%	43%
English 9 (basic)	-27%	92%	65%
Communication Skills 2 (middle)	-30%	34%	4%
Language Arts 1 (basic)	-35%	45%	10%
Foreign Language			
Spanish 1 (basic)	24%	15%	39%
Spanish 2 (middle)	19%	8%	27%

Table E3.6 (cont.)

	1982-88	1982	1988
Personal Skills			
Health Education 1 (basic)	85%	11%	96%
Driver Education, Theory (basic)	18%	74%	92%
Leadership (basic)	16%	0%	16%
Health 2 (middle)	-13%	13%	0%
Personal Development Skills (basic)	-13%	15%	2%
Student Assistant (basic)	-25%	25%	0%
Social Studies			
World History (basic)	81%	15%	96%
Intro. to Economics (basic)	69%	2%	71%
American Government, Honors (advanced)	24%	0%	24%
Economics 2 (middle)	24%	0%	24%
Sociology (basic)	14%	0%	14%
U.S. History, Honors (advanced)	22%	0%	22%
Psychology 1 (basic)	-13%	25%	12%
American History (basic)	-15%	91%	76%
Basic American Government (basic)	-19%	92%	73%
U.S. History 1 (basic)	-21%	25%	4%
Social Studies (basic)	-36%	36%	0%
Political Economic Systems (basic)	-40%	40%	0%
U.S. History 2 (middle)	-49%	51%	2%
District 5, Florida			
Art			
Modern Dance 9 (basic)	48%	0%	48%
Drum and Bugle (basic)	20%	8%	28%
Chorus 1 (basic)	16%	0%	16%
Chorus 2 (middle)	10%	2%	12%
Concert Band (basic)	-12%	26%	14%

Table E3.6 (cont.)

	1982-88	1982	1988
English			
English 9 (basic)	58%	0%	58%
English 12 (advanced)	48%	46%	94%
Advanced Creative Writing (middle)	-10%	10%	0%
Reading Development 1 (basic)	-16%	16%	0%
Beginning Journalism (basic)	-18%	22%	4%
English 10 (middle)	-20%	90%	70%
Remedial English (basic)	-38%	38%	0%
Basic English (basic)	-50%	100%	50%
Foreign Language			
Spanish 1 (basic)	60%	6%	66%
Spanish 2 (middle)	40%	0%	40%
Personal Skills			
Health 2 (middle)	86%	14%	100%
Team Sports 1 (basic)	46%	0%	46%
Team Sports 2 (middle)	46%	0%	46%
Weight Training (basic)	34%	0%	34%
Leadership (advanced)	12%	0%	12%
First Aid and Safety (basic)	10%	0%	10%
ROTC 1 (basic)	10%	50%	60%
ROTC 4 (advanced)	-14%	14%	0%
ROTC 3 (advanced)	-18%	18%	0%
Physical Education (advanced)	-20%	26%	6%
Driver Education, Theory (basic)	-38%	38%	0%
Student Assistant (basic)	-42%	42%	0%
Social Studies			
Civics (basic)	94%	0%	94%
Economics 2 (middle)	90%	0%	90%
World History (basic)	50%	44%	94%
World Geography (basic)	-84%	86%	2%

Table E3.6 (cont.)

	1982-88	1982	1988
District 6, Missouri			
Art			
Advanced Marching Band (middle)	13%	0%	13%
Orchestra (basic)	-10%	10%	0%
Acting 1 (basic)	-13%	19%	6%
Beginning Band (basic)	-17%	25%	8%
English			
American Literature (basic)	53%	10%	63%
English Speed Reading (basic)	19%	0%	19%
Journal Helper (basic)	17%	25%	42%
English Literature 2 (middle)	10%	2%	12%
Literature Classics (basic)	-12%	31%	19%
Speech (basic)	-15%	17%	2%
American Dream in Literature (basic)	-23%	23%	0%
Foreign Language			
French 1 (basic)	13%	10%	23%
Spanish 1 (basic)	13%	25%	38%
Personal Skills			
Health Education 1 (basic)	96%	2%	98%
Driver Education, Theory (basic)	-54%	56%	2%
Social Studies			
Early World History (basic)	81%	2%	83%
World Geography (basic)	81%	6%	87%
World History (basic)	81%	4%	85%
U.S. History 2 (middle)	16%	71%	87%
American People (basic)	-33%	33%	0%
Modern European History (basic)	-33%	33%	0%
Latin American Studies (basic)	-38%	38%	0%

Table E3.6 (cont.)

	1982-88	1982	1988
Social Studies (cont.)			
Russian Studies (basic)	-40%	40%	0%
Western Civilization (basic)	-42%	44%	2%
Intro. to Social Science (basic)	-84%	94%	10%
District 7, Missouri			
Art			
Crafts 9 (basic)	14%	22%	36%
Photography 1 (basic)	-26%	40%	14%
English			
English 12 (advanced)	66%	2%	68%
Creative Writing (basic)	18%	2%	20%
English Reading 10 (middle)	18%	0%	18%
American Literature (basic)	10%	0%	10%
English 11 (advanced)	10%	80%	90%
Grammar (basic)	-11%	11%	0%
English 9 (basic)	-18%	98%	80%
Language Arts 1 (basic)	-26%	42%	16%
Foreign Language			
No foreign language courses increased or decreased in student enrollment by 10% or more.			
Personal Skills			
Health Education (basic)	11%	11%	22%
Social Studies			
Citizenship (basic)	28%	56%	84%
U.S. History 1 (basic)	-13%	15%	2%
Humanities (basic)	-14%	16%	2%
Sociology (basic)	-14%	16%	2%
Juvenile Justice (basic)	-17%	35%	18%
Civics (basic)	-27%	49%	22%

Table E3.6 (cont.)

	1982-88	1982	1988
District 8, Pennsylvania			
Art			
Acting 1 (basic)	29%	0%	29%
Ceramics 1 (basic)	14%	0%	14%
Art Services (basic)	12%	4%	16%
Crafts 1 (basic)	-10%	14%	4%
General Art (basic)	-14%	14%	0%
English			
Literature (basic)	51%	0%	51%
English 11 (advanced)	20%	58%	78%
English 2, Honors (middle)	16%	8%	24%
English 4, Honors (advanced)	12%	12%	24%
English 1, Honors (basic)	10%	10%	20%
Language Arts 1 (basic)	10%	0%	10%
English 9 (basic)	-16%	96%	80%
Foreign Language			
Spanish 1 (basic)	33%	18%	51%
Spanish 2 (middle)	25%	8%	33%
Spanish 3 (advanced)	18%	0%	18%
French 1 (basic)	11%	14%	25%
Spanish 4 (advanced)	10%	0%	10%
Personal Skills			
No personal skills courses increased or decreased in student enrollment by 10% or more.			
Social Studies			
U.S. History 2 (middle)	90%	2%	92%
Citizenship (basic)	66%	34%	100%
American Government (basic)	50%	44%	94%
U.S. Geography (basic)	16%	0%	16%
World Geography (basic)	16%	0%	16%
World History (basic)	14%	66%	80%

Table E3.6 (cont.)

	1982-88	1982	1988
Social Studies (cont.)			
Social Science 10 (basic)	-20%	20%	0%
Intro. to Social Science (basic)	-29%	70%	41%
U.S. History 1 (basic)	-46%	46%	0%
District 9, Pennsylvania			
Art			
Music History (basic)	-18%	35%	17%
English			
Basic English (basic)	14%	24%	38%
English 4, Honors (advanced)	11%	2%	13%
English 10 (middle)	-13%	76%	63%
Reading Development 1 (basic)	-17%	73%	56%
English 12 (advanced)	-23%	65%	42%
Foreign Language			
Spanish 1 (basic)	26%	16%	42%
Foreign Language, Exploratory (basic)	-94%	96%	2%
Personal Skills			
ROTC 1 (basic)	15%	0%	15%
Physical Education (basic)	12%	88%	100%
Health 2 (middle)	-16%	39%	23%
Social Studies			
World History (basic)	22%	61%	83%
Social Science, Honors (advanced)	13%	0%	13%
Intro. to Social Studies (basic)	-11%	96%	85%
World History and Government (middle)	-12%	12%	0%

Table E3.7 (cont.)

	1982-88	1982	1988
High School 2, District 1, California			
Math			
Pre-Algebra (basic)	85%	0%	85%
Geometry (advanced)	35%	15%	50%
Computer Literacy (basic)	12%	0%	12%
Consumer Math (basic)	-10%	48%	38%
Advanced Algebra, Honors (adv.)	-19%	19%	0%
General Math 1 (basic)	-21%	52%	31%
General Math 2 (basic)	-30%	30%	0%
Science			
Anatomy and Physiology (adv.)	38%	0%	38%
General Biology (middle)	37%	32%	69%
Chemistry 1 (middle)	30%	5%	35%
Intro. to Science (basic)	28%	68%	96%
Basic Biology (basic)	-41%	41%	0%
Vocational			
Graphic Design 1 (basic)	38%	0%	38%
Auto 1 (basic)	23%	4%	27%
Business Communication (basic)	19%	0%	19%
Word Processing (basic)	15%	0%	15%
Single Living (basic)	12%	0%	12%
Advanced Typing (middle)	11%	4%	15%
Typing, Personal 1 (basic)	-11%	15%	4%
Beginning Shop (basic)	-11%	15%	4%
Basic Auto Mechanics (basic)	-11%	11%	0%
Woodworking 1 (basic)	-11%	15%	4%
Foods 2 (middle)	-11%	15%	4%
Basic Home Economics (basic)	-19%	19%	0%
General Work Experience (basic)	-26%	26%	0%

High School 3, District 2, California (same as District 2 table - only 1 high school sampled in this district)

Table E3.7 (cont.)

	1982-88	1982	1988
High School 4, District 3, California (same as District 3 table - only 1 high school sampled in this district)			
High School 5, District 4, Florida			
Math			
Analytic Geometry (advanced)	20%	12%	32%
Basic Math (basic)	16%	4%	20%
Computer Literacy (middle)	12%	0%	12%
General Math 3 (middle)	12%	0%	12%
Algebra 1 (advanced)	12%	52%	64%
Geometry (advanced)	12%	28%	40%
Trigonometry (advanced)	12%	0%	12%
Pre-Calculus (advanced)	-16%	16%	0%
Consumer Math (middle)	-20%	32%	12%
Pre-Algebra (middle)	-24%	56%	32%
General Math 2 (basic)	-28%	40%	12%
Science			
Earth Science (basic)	52%	4%	56%
Fundamental Physical Science (basic)	24%	0%	24%
Biology 2 (advanced)	20%	4%	24%
Chemistry 1 (middle)	16%	24%	40%
Ecology (advanced)	12%	20%	32%
Basic Biology (basic)	-12%	88%	76%
Physics 1, Honors (advanced)	-16%	16%	0%
Intro. to Science (basic)	-24%	64%	40%
Vocational			
Computer Programming 1 (basic)	36%	0%	36%
Fund. Business (basic)	28%	4%	32%
Health Service Occupation 1 (basic)	20%	4%	24%
Food Production (basic)	16%	4%	20%
Accounting 1 (basic)	12%	0%	12%
Child Care Lab (basic)	12%	0%	12%
Computer Application (middle)	12%	0%	12%

Table E3.7 (cont.)

	1982-88	1982	1988
Vocational (cont.)			
Basic Home Economics (basic)	-13%	21%	8%
Graphic Design 1 (basic)	-13%	29%	16%
Business Education (basic)	-14%	46%	32%
Intro. to Foods (basic)	-17%	17%	0%
Horticulture 1 (basic)	-21%	21%	0%
Typing 1 (basic)	-31%	67%	36%
Advanced Typing (middle)	-38%	38%	0%
High School 6, District 4, Florida			
Math			
Computer Math (middle)	25%	25%	50%
General Math 3 (middle)	23%	0%	23%
Analytical Geometry (advanced)	19%	4%	23%
Advanced Algebra (advanced)	16%	7%	23%
Geometry (advanced)	13%	14%	27%
Basic Math (basic)	-11%	11%	0%
Algebra 2 (advanced)	-14%	18%	4%
General Math 1 (basic)	-25%	29%	4%
Vocational Math (middle)	-25%	29%	4%
Basic Skills Math (basic)	-31%	50%	19%
General Math 2 (basic)	-32%	32%	0%
Science			
Intro. to Science (basic)	48%	33%	81%
Fundamental Physical Science (basic)	19%	0%	19%
Anatomy and Physiology,Honors (adv)	15%	0%	15%
Marine Biology, Honors (advanced)	12%	0%	12%
Vocational			
Career Exploration (basic)	62%	0%	62%
Office Practice 1 (basic)	17%	21%	38%
Fundamental Power Mechanics (basic)	16%	7%	23%
Advanced Programming (middle)	15%	0%	15%
Business Computer 1 (basic)	12%	0%	12%

Table E3.7 (cont.)

	1982-88	1982	1988
Vocational (cont.)			
Intro. to Foods (basic)	12%	0%	12%
Drafting 1 (basic)	12%	0%	12%
Graphic Design 1 (basic)	-10%	18%	8%
Record Keeping (basic)	-11%	11%	0%
Tailoring (basic)	-11%	11%	0%
Beginning Shop (basic)	-11%	11%	0%
Auto 1 (basic)	-18%	18%	0%
Business Education (basic)	-31%	46%	15%
High School 7, District 5, Florida			
Math			
Analytic Geometry (advanced)	24%	0%	24%
General Math 2 (basic)	20%	0%	20%
Trigonometry (advanced)	16%	8%	24%
Algebra 2 (advanced)	12%	24%	36%
Basic Math (basic)	-20%	24%	4%
Basic Skills Math (basic)	-28%	84%	56%
Consumer Math (middle)	-28%	76%	48%
Science			
Fundamental Physical Science (basic)	44%	40%	84%
Physics 1 (middle)	12%	0%	12%
Vocational			
Computer Programming 1 (basic)	33%	0%	33%
Basic Business 1 (basic)	29%	4%	33%
Clothing and Textiles 2 (middle)	29%	0%	29%
Child Development 2 (middle)	21%	0%	21%
Intro. to Foods (basic)	20%	22%	42%
Fashion Merchandising (basic)	13%	0%	13%
Auto Office 2 (middle)	13%	4%	17%
Marketing and Distribution 3 (advanced)	13%	0%	13%
Office Practice 1 (basic)	-13%	17%	4%
Career Planning (basic)	-17%	17%	0%

Table E3.7 (cont.)

	1982-88	1982	1988
Vocational (cont.)			
Library Practice (basic)	-22%	22%	0%
Career Exploration (basic)	-26%	26%	0%
Clothing and Textiles (basic)	-31%	35%	4%
Typing 1 (basic)	-32%	70%	38%
High School 8, District 5, Florida			
Math			
Consumer Math (middle)	28%	4%	32%
Analytic Geometry (advanced)	28%	0%	28%
Pre-Algebra (middle)	24%	0%	24%
Algebra 2 (advanced)	24%	24%	48%
Computer Math (middle)	20%	0%	20%
Geometry (advanced)	16%	24%	40%
Calculus Application (advanced)	-16%	16%	0%
General Math 2 (basic)	-24%	64%	40%
Science			
Earth Science (basic)	44%	20%	64%
Fund. Physical Science (basic)	24%	44%	68%
Chemistry 1 (middle)	20%	24%	44%
Biology 2 (advanced)	20%	0%	20%
Intro. to Science (basic)	-24%	64%	40%
Vocational			
Computer Programming 1 (basic)	44%	0%	44%
Computer Application (middle)	44%	0%	44%
Basic Business 1 (basic)	38%	10%	48%
Agricultural Science (basic)	36%	0%	36%
Home Furnishings (basic)	27%	5%	32%
Intro. to Agricultural Mechanics (basic)	24%	0%	24%
Agricultural Production 1 (basic)	24%	0%	24%
Child Development (basic)	24%	0%	24%
Intro. to Foods (basic)	22%	14%	36%
Clothing and Textiles (basic)	17%	19%	36%

Table E3.7 (cont.)

	1982-88	1982	1988
Vocational (cont).			
Basic Home Economics (basic)	14%	38%	52%
Crop Production (basic)	-10%	14%	4%
Agricultural Occupations 1 (basic)	-10%	38%	28%
Bookkeeping 1 (basic)	-10%	10%	0%
Typing 1 (basic)	-26%	62%	36%
Business Education (basic)	-33%	33%	0%
High School 9, District 6, Missouri			
Math			
Computer Literacy (middle)	30%	22%	52%
Geometry (advanced)	20%	48%	68%
Algebra 2 (advanced)	10%	30%	40%
Consumer Math (middle)	-30%	30%	0%
Science			
Fund. Physical Science (basic)	27%	17%	44%
Chemistry 1 (middle)	27%	13%	40%
Microbiology (advanced)	23%	13%	36%
Anatomy and Physiology (adv.)	20%	0%	20%
Botany (advanced)	16%	0%	16%
General Biology (middle)	12%	52%	64%
Vocational			
Accounting 1 (basic)	18%	30%	48%
Home Management (basic)	16%	4%	20%
Financial Occupation (basic)	12%	0%	12%
Accounting 2 (middle)	12%	0%	12%
Foods 2 (middle)	12%	0%	12%
Parenting (basic)	11%	13%	24%
Intro. to Housing (basic)	11%	13%	24%
Woodworking 1 (basic)	11%	13%	24%
Typing 1 (basic)	10%	78%	88%
Child Development (basic)	-11%	39%	28%
Business Law (basic)	-18%	30%	12%

Table E3.7 (cont.)

	1982-88	1982	1988
Vocational (cont.)			
Career Exploration (basic)	-18%	30%	12%
Single Living (basic)	-22%	22%	0%
Consumer Education (basic)	-22%	22%	0%
Graphic Design 1 (basic)	-22%	22%	0%
High School 10, District 6, Missouri			
Math			
Computer Literacy (middle)	21%	16%	37%
Algebra 2 (advanced)	16%	36%	52%
Geometry (advanced)	11%	52%	63%
Analytic Geometry (advanced)	11%	0%	11%
Vocational Math (middle)	10%	12%	22%
Fundamental Math 2 (basic)	-12%	12%	0%
Calculus (advanced)	-13%	24%	11%
Consumer Math (middle)	-28%	28%	0%
Basic Math (basic)	-44%	48%	4%
Science			
Fundamental Physical Science (basic)	48%	33%	81%
General Biology (middle)	31%	58%	89%
Intro. to Science (basic)	-13%	46%	33%
Vocational			
Parenting (basic)	39%	24%	63%
Consumer Education (basic)	21%	12%	33%
Career Exploration (basic)	15%	0%	15%
Business Law (basic)	14%	16%	30%
Intro. to Foods (basic)	12%	36%	48%
Basic Business 1 (basic)	11%	8%	19%
Family Relations (basic)	11%	56%	67%
Accounting 2 (middle)	11%	0%	11%
Computer Application (middle)	11%	0%	11%

Table E3.7 (cont.)

	1982-88	1982	1988
Vocational (cont.)			
Foods 2 (middle)	10%	16%	26%
Typing 1 (basic)	-18%	88%	70%
Beginning Shop (basic)	-20%	20%	0%
High School 11, District 7, Missouri			
Math			
Pre-Algebra (middle)	68%	4%	72%
Algebra 1 (advanced)	21%	39%	60%
Basic Math Skills (basic)	18%	18%	36%
Consumer Math (middle)	18%	46%	64%
Advanced Algebra (advanced)	-11%	11%	0%
Trigonometry (advanced)	-13%	25%	12%
Geometry (advanced)	-19%	43%	24%
Science			
Fundamental Physical Science (basic)	61%	7%	68%
Earth Science (basic)	33%	11%	44%
Environmental Science (advanced)	20%	0%	20%
Biology 2 (advanced)	14%	14%	28%
Zoology (advanced)	12%	0%	12%
Anatomy and Physiology (adv.)	-12%	36%	24%
Intro. to Science (basic)	-20%	68%	48%
Vocational			
Electrical Assembly (basic)	41%	7%	48%
Graphic Design 1 (basic)	28%	0%	28%
Basic Business 1 (basic)	20%	4%	24%
Family Relations (basic)	13%	11%	24%
Foods 2 (middle)	12%	4%	16%
Graphics 2 (middle)	12%	0%	12%
Computer Programming 1 (basic)	-10%	18%	8%
Clothing and Textiles (basic)	-10%	14%	4%
General Work Experience (basic)	-11%	39%	28%
Advanced Typing (middle)	-13%	29%	16%

Table E3.7 (cont.)

	1982-88	1982	1988
Vocational (cont.)			
Home Furnishings (basic)	-14%	14%	0%
Marketing and Distribution (basic)	-16%	36%	20%
Beginning Shorthand (basic)	-17%	25%	8%
Career Exploration (basic)	-17%	21%	4%
Business Communication (basic)	-21%	21%	0%
Basic Home Economics (basic)	-32%	32%	0%
High School 12, District 7, Missouri			
Math			
Geometry (advanced)	29%	19%	48%
Algebra 1 (advanced)	27%	41%	68%
Trigonometry (advanced)	20%	0%	20%
General Math 2 (basic)	12%	52%	64%
Consumer Math (middle)	-12%	44%	32%
Basic Math (basic)	-51%	59%	8%
Science			
Basic Biology (basic)	23%	37%	60%
Chemistry 1 (middle)	20%	0%	20%
Physics 1 (middle)	20%	0%	20%
Fundamental Physical Science (basic)	17%	7%	24%
Intro. to Science (basic)	-10%	70%	60%
Vocational			
Computer Programming 1 (basic)	32%	4%	36%
Data Processing 1 (basic)	20%	0%	20%
Advanced Typing (middle)	18%	30%	48%
Intro. to Foods (basic)	14%	22%	36%
Basic Auto Mechanics (basic)	12%	0%	12%
Child Development (basic)	-10%	30%	20%
Basic Business 1 (basic)	-11%	15%	4%
Beginning Shorthand (basic)	-11%	11%	0%
Election Assembly (basic)	-14%	26%	12%
Home Furnishings (basic)	-15%	15%	0%

Table E3.7 (cont.)

	1982-88	1982	1988
Vocational (cont.)			
Independent Living (basic)	-17%	37%	20%
Auto Office 2 (middle)	-19%	19%	0%
High School 13, District 8, Pennsylvania			
Math			
Consumer Math (middle)	40%	12%	52%
Trigonometry (advanced)	28%	4%	32%
General Math 2 (basic)	24%	16%	40%
Algebra 1 (advanced)	24%	44%	68%
Geometry (advanced)	12%	24%	36%
Algebra 2 (advanced)	-24%	24%	0%
Basic Math (basic)	-28%	28%	0%
Science			
Environmental Science (advanced)	48%	4%	52%
General Biology (middle)	16%	76%	92%
Botany (advanced)	16%	0%	16%
Earth Science (basic)	-28%	28%	100%
Intro. to Science (basic)	-72%	72%	0%
Vocational			
Career Exploration (basic)	48%	0%	48%
Computer Programming 1 (basic)	40%	0%	40%
Business Law (basic)	36%	0%	36%
Basic Business 1 (basic)	28%	4%	32%
Child Care Lab (basic)	24%	0%	24%
Horticulture 1 (basic)	23%	9%	32%
Typing 1 (basic)	12%	48%	60%
Marketing and Distribution (basic)	12%	0%	12%
Advanced Programming (middle)	12%	0%	12%
Drafting 2 (middle)	12%	0%	12%
Accounting 1 (basic)	11%	17%	28%

Table E3.7 (cont.)

	1982-88	1982	1988
Vocational (cont.)			
Advanced Typing (middle)	11%	13%	24%
Woodworking 1 (basic)	-14%	30%	16%
Family Relations (basic)	-17%	17%	0%
High School 14, District 8, Pennsylvania			
Math			
Geometry (advanced)	30%	16%	46%
Algebra 1 (advanced)	29%	40%	69%
Consumer Math (middle)	27%	0%	27%
Algebra 2 (advanced)	26%	12%	38%
Trigonometry (advanced)	11%	8%	19%
General Math 2 (basic)	10%	44%	54%
Basic Math (basic)	-12%	12%	0%
General Math 1 (basic)	-34%	80%	46%
Science			
Chemistry 1 (middle)	31%	4%	35%
Advanced Chemistry (advanced)	-24%	24%	0%
Intro. to Science (basic)	-28%	28%	0%
Earth Science (basic)	-76%	76%	100%
Vocational			
Computer Programming 1 (basic)	69%	8%	77%
Career Exploration (basic)	42%	0%	42%
Basic Home Economics (basic)	40%	29%	69%
Basic Business 1 (basic)	23%	8%	31%
Child Care Lab (basic)	23%	0%	23%
Accounting 1 (basic)	19%	0%	19%
Machine Shop 1 (basic)	19%	0%	19%
Wood 1 (basic)	17%	21%	38%
Record Keeping (basic)	15%	4%	19%
Metal 1 (basic)	15%	0%	15%
Advanced Programming (middle)	15%	0%	15%
Advanced Working Drawings (middle)	15%	0%	15%

Table E3.7 (cont.)

	1982-88	1982	1988
Vocational (cont.)			
Advanced Typing (middle)	12%	0%	12%
Intro. to Foods (basic)	-13%	13%	0%
Independent Living (basic)	-17%	17%	0%
Clothing and Textiles (basic)	-17%	17%	0%
Horticulture 1 (basic)	-21%	21%	0%
Beginning Shop (basic)	-25%	25%	0%
Bookkeeping 1 (basic)	-38%	38%	0%
High School 15, District 9, Pennsylvania			
Math			
Geometry (advanced)	15%	28%	43%
Algebra 1 (advanced)	10%	64%	74%
Analytic Geometry (advanced)	-12%	12%	0%
General Math 1 (basic)	-18%	48%	30%
Math Tutor (basic)	-24%	24%	0%
Basic Math (basic)	-53%	92%	39%
Science			
Fundamental Physical Science (basic)	83%	0%	83%
General Biology (middle)	21%	40%	61%
Intro. to Science (basic)	18%	4%	22%
Earth Science (basic)	-12%	12%	0%
Biology 2 (advanced)	-12%	12%	0%
Basic Biology (basic)	-13%	56%	43%
Vocational			
Typing, Personal (basic)	31%	4%	35%
Small Business Management (basic)	26%	0%	26%
Office Practice 1 (basic)	26%	17%	43%
Accounting 2 (middle)	13%	0%	13%
Auto Office 2 (middle)	13%	0%	13%
Advanced Auto 2 (middle)	-13%	17%	4%
Advanced Working Drawings (middle)	-13%	13%	0%
Auto 3 (advanced)	-13%	13%	0%

Table E3.7 (cont.)

	1982-88	1982	1988
Vocational (cont.)			
Basic Home Economics (basic)	-20%	29%	9%
Consumer Education (basic)	-33%	42%	9%
High School 16, District 9, Pennsylvania			
Math			
Algebra 1 (advanced)	26%	42%	68%
Algebra 2 (advanced)	15%	17%	32%
General Math 1 (basic)	-23%	79%	56%
General Math 2 (basic)	-31%	79%	48%
Basic Math (basic)	-63%	75%	12%
Science			
General Biology (middle)	92%	100%	92%
Intro. to Science (basic)	47%	13%	60%
Fundamental Physical Science (basic)	32%	4%	36%
Chemistry 1 (middle)	15%	13%	28%
Vocational			
Business Communication (basic)	38%	0%	38%
General Work Experience (basic)	38%	0%	38%
Typing 1 (basic)	21%	50%	71%
Office Practice 1 (basic)	12%	17%	29%
Clothing and Textiles (basic)	-13%	38%	25%
Metal 1 (basic)	-13%	17%	4%
Graphic Design 1 (basic)	-13%	17%	4%
Business Careers 3 (advanced)	-13%	13%	0%
Basic Business 1 (basic)	-16%	29%	13%
Marketing and Dist. 1 (basic)	-17%	21%	4%
Intro. to Foods (basic)	-17%	21%	4%

TABLE E3.8

Art, English, Foreign Language, Personal Skills, and Social Studies Courses which increased or decreased in student enrollment by 10 percent or more

By School	Percent Change 1982-88	Percent Enrollment 1982	1988
High School 1, District 1, California			
Art			
Drawing (basic)	23%	6%	29%
Ceramics 1 (basic)	18%	3%	21%
Jazz and Ballet 9 (basic)	17%	0%	17%
Acting 1 (basic)	15%	6%	21%
Concert Jazz 2 (middle)	13%	0%	13%
English			
English 9 (basic)	33%	50%	83%
Journal Helper (basic)	26%	3%	29%
English 10 (middle)	24%	47%	71%
Language Arts 3 (advanced)	21%	0%	21%
Basic English (basic)	16%	22%	38%
English 2, Honors (middle)	13%	8%	21%
English 10, Reading (middle)	13%	0%	13%
English 2, Writing (middle)	13%	0%	13%
Language Arts 4 (advanced)	13%	0%	13%
American Literature (basic)	-11%	11%	0%
Science Fiction (basic)	-11%	11%	0%
English 3, Basic (middle)	-14%	14%	0%
English 12 (advanced)	-56%	56%	0%
Foreign Language			
French 1 (basic)	19%	14%	33%
Spanish 1 (basic)	15%	39%	54%

Table E3.8 (cont.)

	1982-88	1982	1988
Personal Skills			
Student Assistant (basic)	-19%	69%	50%
Safety Education (basic)	-58%	100%	42%
Social Studies			
Basic American Govternment (basic)	73%	19%	92%
Social Science 10 (basic)	58%	0%	58%
Intro. to Economics (basic)	10%	3%	13%
Social Problems (basic)	-17%	17%	0%
Psychology 1 (basic)	-18%	31%	13%
Philosophy 1 (basic)	-25%	25%	0%
High School 2, District 1, California			
Art			
Drawing (basic)	23%	0%	23%
Photography 1 (basic)	17%	48%	65%
Painting (basic)	12%	0%	12%
Ceramics 1 (basic)	11%	4%	15%
General Art (basic)	-11%	11%	0%
English			
English 4, Honors (advanced)	54%	0%	54%
English 2, Basic (middle)	23%	15%	38%
Language Arts 1 (basic)	23%	4%	27%
English 1, Honors (basic)	19%	0%	19%
English Writing 2 (middle)	19%	0%	19%
English 9 (basic)	18%	67%	85%
Basic English (basic)	16%	15%	31%
English 3, Honors (advanced)	15%	0%	15%
Journal Helper (basic)	15%	0%	15%
Language Arts 4 (advanced)	15%	0%	15%
Language Arts 2 (middle)	12%	0%	12%
English 11 (advanced)	10%	44%	54%
Reading Development 1 (basic)	-18%	22%	4%

Table E3.8 (cont.)

	1982-88	1982	1988
High School 5, District 4, Florida			
Art			
Drawing (basic)	36%	20%	56%
Sculpture (basic)	32%	0%	32%
Acting 1 (basic)	20%	8%	28%
Actors Workshop (basic)	12%	0%	12%
Art 9 (basic)	-12%	16%	4%
Painting (basic)	-12%	12%	0%
Photography 1 (basic)	-12%	16%	4%
General Art (basic)	-16%	16%	0%
English			
English 11 (advanced)	20%	0%	20%
Communication Skills 1 (basic)	16%	0%	16%
English 2, Honors (middle)	16%	0%	16%
English 9 (basic)	-16%	100%	84%
English 1, Honors (basic)	-16%	28%	12%
Language Arts 1 (basic)	-16%	24%	8%
Foreign Language			
French 1 (basic)	24%	4%	28%
French 2 (middle)	20%	0%	20%
Spanish 1 (basic)	20%	20%	40%
Spanish 2 (middle)	12%	12%	24%
Personal Skills			
Health Education 1 (basic)	80%	16%	96%
Driver Education, Theory (basic)	44%	52%	96%
Personal Development Skills (basic)	-24%	28%	4%
Health 2 (middle)	-28%	28%	0%
Student Assistant (basic)	-36%	36%	0%

Table E3.8 (cont.)

	1982-88	1982	1988
Social Studies			
Intro. to Economics (basic)	72%	4%	76%
World History (basic)	72%	28%	100%
American Government, Honors (advanced)	24%	0%	24%
Economics 2 (middle)	24%	0%	24%
Sociology (basic)	12%	0%	12%
U.S. History, Honors (advanced)	12%	0%	12%
Basic American Government (basic)	-16%	92%	76%
American History (basic)	-20%	100%	80%
Psychology 1 (basic)	-20%	32%	12%
Social Studies (basic)	-24%	24%	0%
U.S. History 1 (basic)	-48%	52%	4%
Political Economy (basic)	-84%	84%	0%
U.S. History 2 (middle)	-84%	88%	4%
High School 6, District 4, Florida			
Art			
Concert Jazz (middle)	27%	0%	27%
Actors Workshop (basic)	23%	0%	23%
Drawing (basic)	19%	4%	23%
Acting 1 (basic)	16%	11%	27%
English			
Communication Skills 1 (basic)	54%	4%	58%
Language Arts 3 (advanced)	35%	0%	35%
English 11 (advanced)	31%	0%	31%
English 2, Honors (middle)	27%	0%	27%
English 4, Honors (advanced)	23%	0%	23%
Language Arts 4, Honors (adv.)	19%	0%	19%
English 10, Reading (middle)	12%	0%	12%
Language Arts 2 (middle)	12%	0%	12%
English 9 (basic)	-40%	86%	46%
English 10 (middle)	-42%	57%	15%
Language Arts 1 (basic)	-52%	64%	12%
Communication Skills 2 (middle)	-54%	54%	0%

Table E3.8 (cont.)

	1982-88	1982	1988
Foreign Language			
Spanish 1 (basic)	27%	11%	38%
Spanish 2 (middle)	27%	4%	31%
Personal Skills			
Health Education 1 (basic)	89%	7%	96%
Leadership (basic)	31%	0%	31%
Physical Education (advanced)	12%	0%	12%
Student Assistant (basic)	-14%	14%	0%
Social Studies			
World History (basic)	88%	4%	92%
Intro. to Economics (basic)	65%	0%	65%
American Government, Honors (advanced)	23%	0%	23%
American History (advanced)	15%	0%	15%
Civics (basic)	15%	0%	15%
Sociology (basic)	15%	0%	15%
U.S. History, Honors (adv.)	12%	0%	12%
World History, Honors (adv.)	12%	0%	12%
U.S. History 2 (middle)	-18%	18%	0%
American Government (basic)	-24%	93%	69%
Social Studies (basic)	-46%	46%	0%
High School 7, District 5, Florida			
Art			
Drum and Bugle (basic)	44%	0%	44%
Chorus 2 (middle)	24%	0%	24%
Chorus 1 (basic)	16%	0%	16%
Concert Band (basic)	-16%	32%	16%
English			
English 12 (advanced)	68%	32%	100%
English 9 (basic)	56%	0%	56%
Beginning Journalism (basic)	-24%	32%	8%

Table E3.8 (cont.)

	1982-88	1982	1988
High School 8, District 5, Florida			
Art			
Modern Dance 9 (basic)	96%	0%	96%
Chorus 1 (basic)	16%	0%	16%
General Art (basic)	-16%	20%	4%
English			
English 9 (basic)	60%	0%	60%
English 12 (advanced)	28%	60%	88%
Communication Skills (basic)	16%	0%	16%
English 11 (advanced)	16%	80%	96%
English Lit. and Comp., Honors (adv.)	16%	0%	16%
Beginning Journalism (basic)	-12%	12%	0%
English 3, Basic (middle)	-16%	16%	0%
Adv. Creative Writing (middle)	-20%	20%	0%
Remedial English (basic)	-44%	44%	0%
Basic English (basic)	-48%	100%	52%
Foreign Language			
Spanish 1 (basic)	52%	12%	64%
Spanish 2 (middle)	36%	0%	36%
Personal Skills			
Health 2 (middle)	72%	28%	100%
Team Sports 1 (basic)	36%	0%	36%
Team Sports 2 (middle)	28%	0%	28%
First Aid and Safety (basic)	20%	0%	20%
Leadership (advanced)	12%	0%	12%
Driver Education, Theory (basic)	-12%	12%	0%
ROTC 4 (advanced)	-12%	12%	0%
ROTC 3 (advanced)	-16%	16%	0%
Physical Education (advanced)	-40%	52%	12%
Student Assistant (basic)	-84%	84%	0%

Table E3.8 (cont.)

	1982-88	1982	1988
Social Studies			
Civics (basic)	96%	0%	96%
Comp. Economic Systems (basic)	96%	0%	96%
World History (basic)	32%	60%	92%
Law Education (basic)	16%	0%	16%
World Geography (basic)	-80%	84%	4%
High School 9, District 6, Missouri			
Art			
Art 9 (basic)	25%	35%	60%
Vocal Ensemble (basic)	15%	13%	28%
Adv. Marching Band (middle)	12%	0%	12%
Acting 1 (basic)	-13%	17%	4%
Orchestra (basic)	-17%	17%	0%
Beginning Band (basic)	-26%	26%	0%
English			
American Literature (basic)	42%	22%	64%
Journal Helper (basic)	32%	4%	36%
Speed Reading (basic)	12%	0%	12%
Reading Development 1 (basic)	-11%	43%	32%
English 9 (basic)	-12%	96%	84%
Debate 2 (middle)	-13%	17%	4%
Speech (basic)	-13%	17%	4%
Journalism 2 (middle)	-18%	22%	4%
Beginning Journalism (basic)	-18%	22%	4%
Foreign Language			
Spanish 1 (basic)	10%	22%	32%

Table E3.8 (cont.)

	1982-88	1982	1988
Personal Skills			
Health Education 1 (basic)	96%	4%	100%
Health 2 (middle)	12%	0%	12%
Physical Education (advanced)	-22%	26%	4%
Driver Education, Theory (basic)	-57%	61%	4%
Social Studies			
World Geography (basic)	79%	9%	88%
Early American History (basic)	76%	4%	80%
World History (basic)	76%	0%	76%
U.S. History 2 (middle)	32%	48%	80%
American History (basic)	22%	78%	100%
Intro. to Economics (basic)	-10%	22%	12%
Africa (basic)	-13%	13%	0%
Modern Europe History (basic)	-13%	13%	0%
Sociology (basic)	-17%	17%	0%
American People (basic)	-30%	30%	0%
Russian Study (basic)	-35%	35%	0%
Latin American Study (basic)	-39%	39%	0%
Western Civilization (basic)	-39%	39%	0%
Intro. to Social Studies (basic)	-76%	96%	20%
High School 10, District 6, Missouri			
Art			
Advanced Marching Band (basic)	15%	0%	15%
Music Appreciation (basic)	14%	8%	22%
Acting 1 (basic)	-13%	20%	7%
Chorus 1 (basic)	-13%	28%	15%

Table E3.8 (cont.)

	1982-88	1982	1988
English			
American Literature (basic)	63%	0%	63%
Speed Reading (basic)	26%	0%	26%
English Literature 2 (middle)	19%	0%	19%
British Literature (advanced)	15%	4%	19%
Speech (basic)	-16%	16%	0%
Literature Classics (basic)	-26%	52%	26%
American Dream in Lit. (basic)	-40%	40%	0%
Foreign Language			
French 1 (basic)	22%	8%	30%
Spanish 1 (basic)	16%	28%	44%
French 2 (middle)	11%	8%	19%
French 3 (advanced)	11%	0%	11%
Personal Skills			
Health Education 1 (basic)	96%	0%	96%
Physical Education (advanced)	22%	0%	22%
Health 2 (middle)	-20%	20%	0%
Driver Education,Theory (basic)	-52%	52%	0%
Social Studies			
Early World History (basic)	85%	0%	85%
World History (basic)	85%	8%	93%
World Geography (basic)	81%	4%	85%
Intro. to Economics (basic)	11%	0%	11%
American People (basic)	-36%	36%	0%
Latin American Study (basic)	-36%	36%	0%
Russian Study (basic)	-44%	44%	0%
Western Civilization (basic)	-44%	48%	4%
Modern Europe History (basic)	-52%	52%	0%
Intro. to Social Studies (basic)	-92%	92%	0%

Table E3.8 (cont.)

	1982-88	1982	1988
High School 11, District 7, Missouri			
Art			
Crafts 9 (basic)	33%	39%	72%
Art 9 (basic)	13%	43%	56%
Photography 2 (middle)	12%	4%	16%
Advanced Band (middle)	-14%	14%	0%
English			
English 12 (advanced)	64%	0%	64%
English 10, Reading (middle)	36%	0%	36%
English 11 (advanced)	32%	64%	96%
Creative Writing (basic)	24%	0%	24%
American Literature (basic)	20%	0%	20%
Beginning Journalism (basic)	-11%	11%	0%
Language Arts 4 (advanced)	-14%	14%	0%
Grammar (basic)	-21%	21%	0%
English 9 (basic)	-36%	96%	60%
Foreign Language			
Spanish 1 (basic)	-21%	21%	0%
Personal Skills			
Driver Education, Theory (basic)	-11%	11%	0%
Social Studies			
Citizenship (basic)	62%	18%	80%
American History (basic)	39%	57%	96%
Intro. to Social Science (basic)	-10%	14%	4%
World History (basic)	-11%	71%	60%
U.S. History 1 (basic)	-25%	25%	0%
Humanities (basic)	-28%	32%	4%
Civics (basic)	-58%	86%	28%

Table E3.8 (cont.)

	1982-88	1982	1988
High School 12, District 7, Missouri			
Art			
Beginning Band (basic)	-11%	11%	0%
Art 9 (basic)	-19%	63%	44%
Photography 1 (basic)	-44%	44%	0%
English			
English 12 (advanced)	68%	4%	72%
Creative Writing (basic)	12%	4%	16%
English 11 (advanced)	-12%	96%	84%
Language Arts 1 (basic)	-48%	56%	8%
Foreign Language			
Spanish 1 (basic)	13%	15%	28%
Personal Skills			
Health Education 1 (basic)	13%	11%	24%
Social Studies			
Psychology 1 (basic)	17%	19%	36%
Current Affairs (basic)	-15%	19%	4%
World Geography (basic)	-15%	19%	4%
Sociology (basic)	-22%	22%	0%
Juvenile Justice (basic)	-41%	41%	0%
High School 13, District 8, Pennsylvania			
Art			
Acting 1 (basic)	24%	0%	24%
Art (basic)	12%	12%	24%
Crafts 1 (basic)	-16%	24%	8%

Table E3.8 (cont.)

	1982-88	1982	1988
English			
English 11 (advanced)	44%	36%	80%
English 10 (middle)	16%	52%	68%
English 2, Honors (middle)	16%	16%	32%
English 4, Honors (advanced)	16%	24%	40%
English 9 (basic)	-16%	96%	80%
Foreign Language			
French 1 (basic)	24%	16%	40%
Spanish 1 (basic)	24%	24%	48%
Spanish 2 (middle)	20%	8%	28%
French 2 (middle)	12%	12%	24%
Personal Skills			
Health Education 1 (basic)	12%	88%	100%
Driver Education, Practice (basic)	-12%	12%	0%
Social Studies			
Citizenship (basic)	92%	8%	100%
U.S. History 2 (middle)	88%	0%	88%
American Government (basic)	84%	8%	92%
World History, Honors (adv.)	32%	0%	32%
World History (basic)	28%	40%	68%
World Geography (basic)	20%	0%	20%
U.S. Geography (basic)	16%	0%	16%
Intro. to Economics (basic)	-12%	12%	0%
U.S. History 1 (basic)	-12%	12%	0%
Sociology (basic)	-20%	32%	12%
Social Science 10 (basic)	-40%	40%	0%
Intro. to Social Science (basic)	-64%	96%	32%

Table E3.8 (cont.)

	1982-88	1982	1988
High School 14, District 8, Pennsylvania			
Art			
Acting 1 (basic)	35%	0%	35%
Ceramics 1 (basic)	27%	0%	27%
Art Services (basic)	23%	8%	31%
Art 10 (middle)	12%	0%	12%
General Art (basic)	-24%	24%	0%
English			
Literature (basic)	96%	0%	96%
English 1, Honors (basic)	19%	0%	19%
English 2, Honors (middle)	15%	0%	15%
Language Arts 1 (basic)	15%	0%	15%
English 9 (basic)	-15%	96%	81%
Foreign Language			
Spanish 1 (basic)	42%	12%	54%
Spanish 3 (advanced)	35%	0%	35%
Spanish 2 (middle)	30%	8%	38%
Spanish 4 (advanced)	19%	0%	19%
Personal Skills			
Basic Skills (basic)	12%	0%	12%
Driver Education, Theory (basic)	12%	0%	12%
Social Studies			
U.S. History 2 (middle)	92%	4%	96%
Citizenship (basic)	40%	60%	100%
Sociology (basic)	23%	0%	23%
American Government (basic)	16%	80%	96%
Local History (basic)	15%	0%	15%
U.S. Geography (basic)	15%	0%	15%
World Geography (basic)	12%	0%	12%
U.S. History 1 (basic)	-80%	80%	0%

Table E3.8 (cont.)

	1982-88	1982	1988
High School 15, District 9, Pennsylvania			
Art			
No fine art courses increased or decreased in student enrollment by 10% or more.			
English			
English 9 (basic)	14%	56%	70%
English 10 (middle)	64%	71%	61%
Reading Development 1 (basic)	-11%	68%	57%
English 11 (advanced)	44%	46%	52%
English 12 (advanced)	52%	43%	48%
Basic English (basic)	-18%	48%	30%
Foreign Language			
Spanish 1 (basic)	36%	12%	48%
Spanish 2 (middle)	19%	16%	35%
French 2 (middle)	-16%	20%	4%
Foreign Language, Exploratory (basic)	-96%	100%	4%
Personal Skills			
Physical Education (basic)	24%	76%	100%
Health Education 1 (basic)	19%	72%	91%
Health 2 (middle)	-29%	68%	39%
Social Studies			
Social Science, Honors (adv.)	22%	0%	22%
World History (basic)	15%	76%	91%
American History, Honors (advanced)	-12%	12%	0%
World History, Honors (adv.)	-12%	16%	4%
Counseling Psychology (basic)	-16%	16%	0%
Intro. to Social Science (basic)	-26%	100%	74%

Table E3.8 (cont.)

	1982-88	1982	1988
High School 16, District 9, Pennsylvania			
Art			
General Art (basic)	14%	42%	56%
Music History (basic)	-34%	54%	20%
English			
Basic English (basic)	44%	0%	44%
English 4, Honors (advanced)	12%	0%	12%
English 9 (basic)	-20%	88%	68%
Reading Development 1 (basic)	-23%	79%	56%
English 10 (middle)	-24%	88%	64%
English 12 (advanced)	-43%	79%	36%
Foreign Language			
Spanish 1 (basic)	15%	21%	36%
French 1 (basic)	12%	4%	16%
French 2 (middle)	12%	0%	12%
Foreign Language, Exploratory (basic)	-92%	92%	0%
Personal Skills			
ROTC 1 (basic)	28%	0%	28%
Social Studies			
World History (basic)	30%	46%	76%
World History and Governments. (basic)	-21%	21%	0%